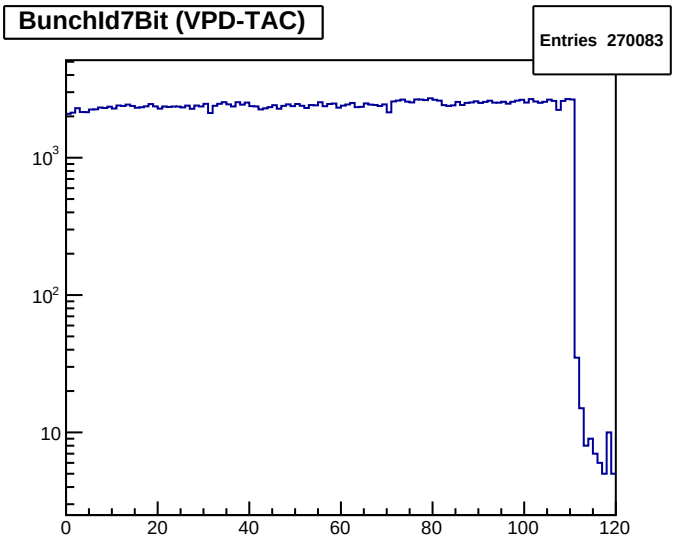
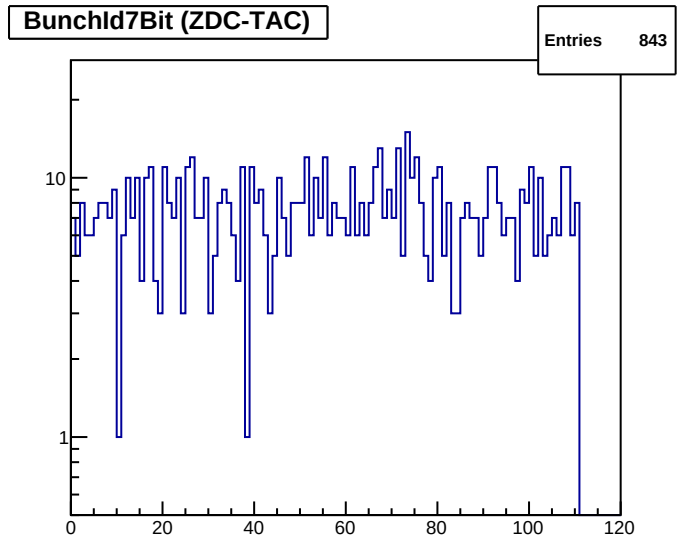
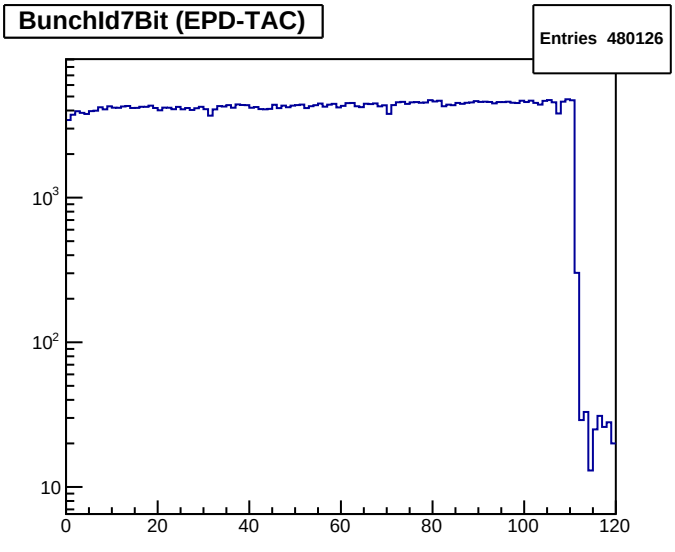
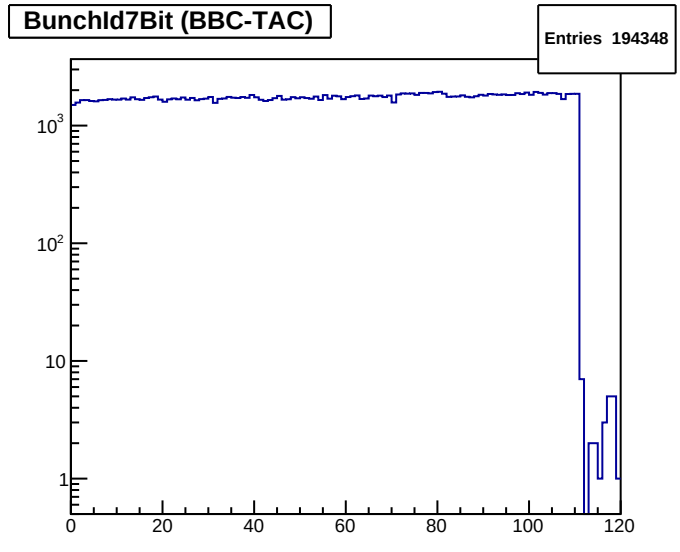
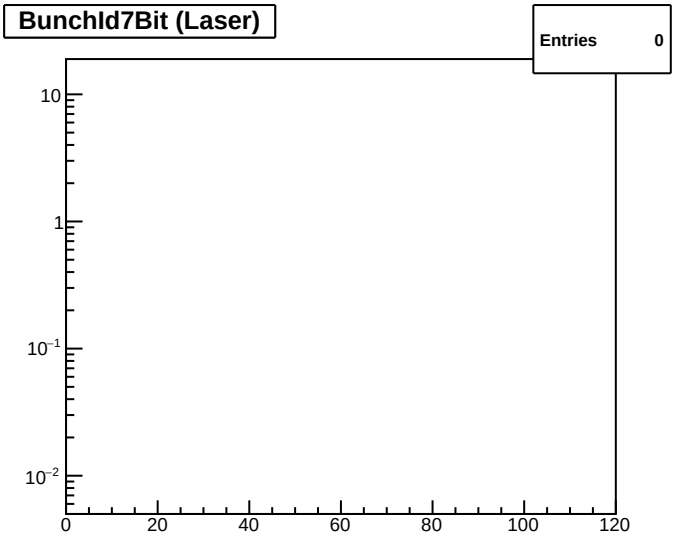
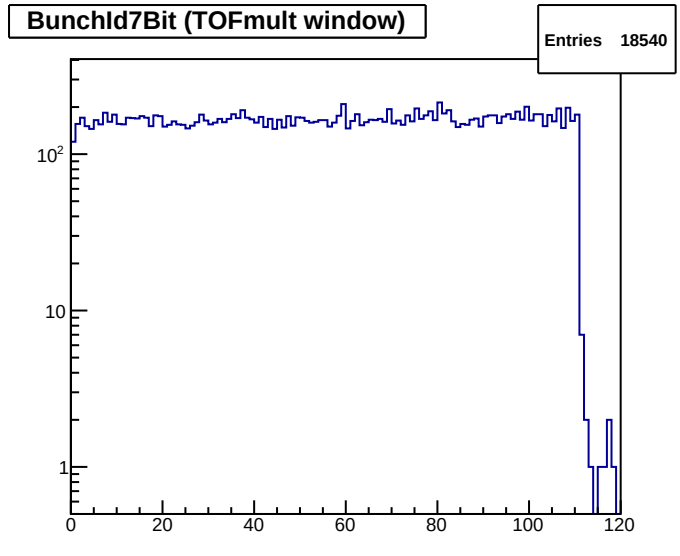

BunchId7Bit (VPD-TAC)
Entries 270083

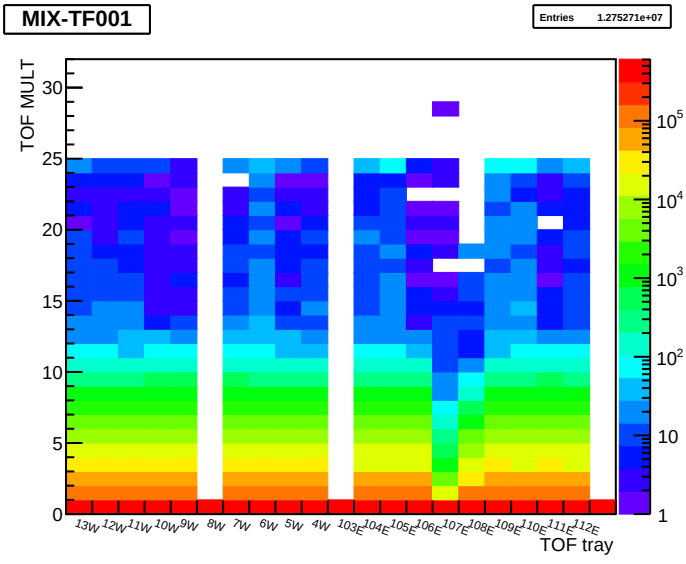

BunchId7Bit (ZDC-TAC)
Entries 843

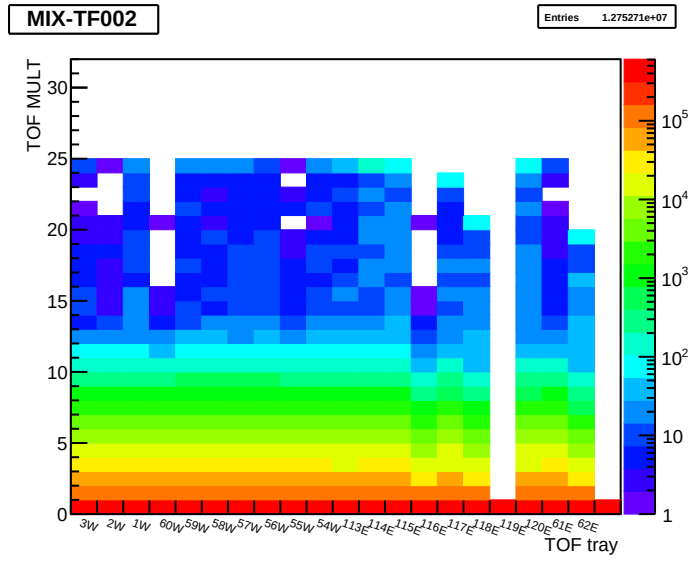

BunchId7Bit (EPD-TAC)
Entries 480126

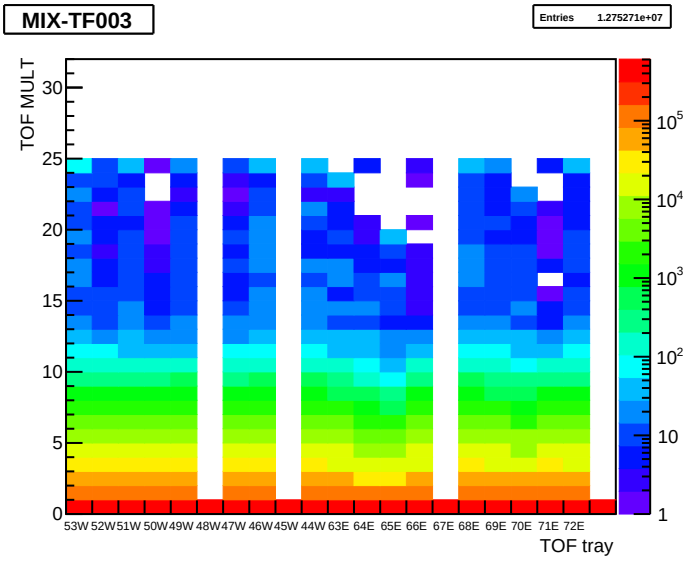

BunchId7Bit (BBC-TAC)
Entries 194348

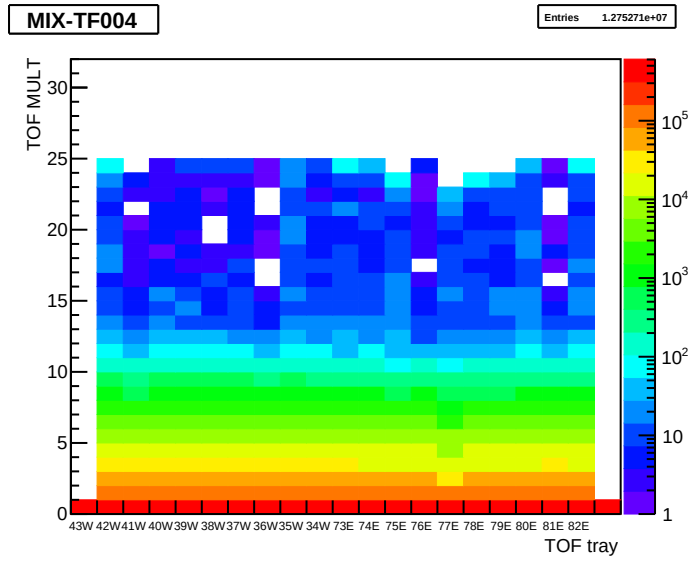

BunchId7Bit (Laser)
Entries 0

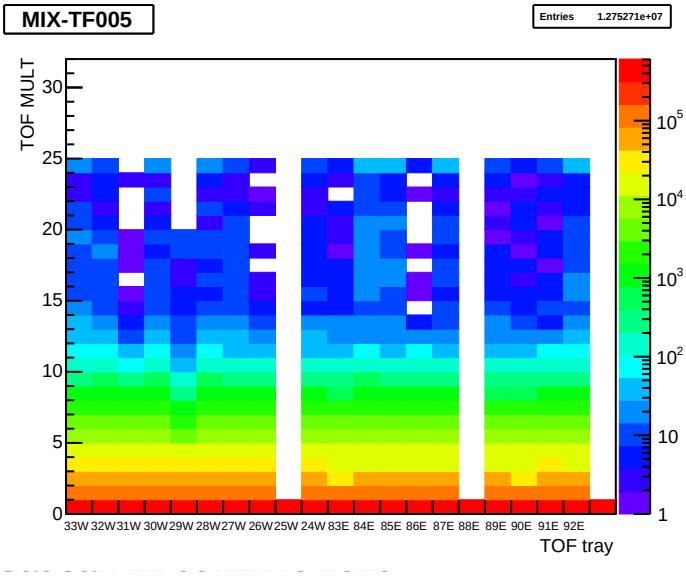

BunchId7Bit (TOFmult window)
Entries 18540

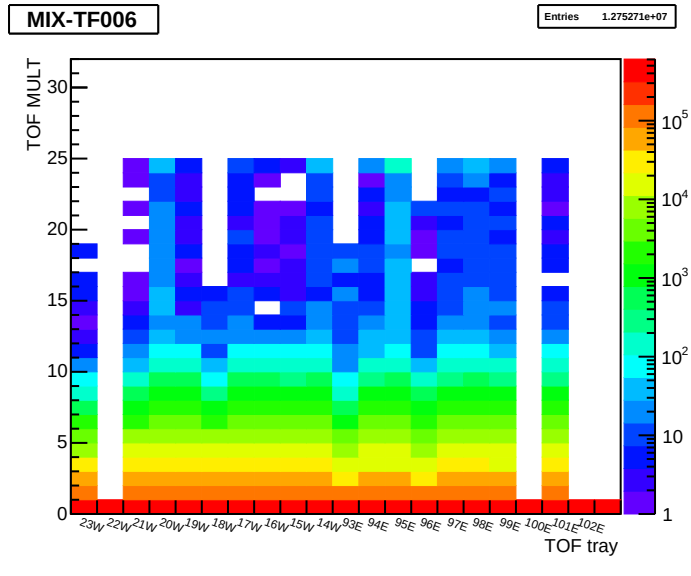

MIX-TF001
Entries 1.275271e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

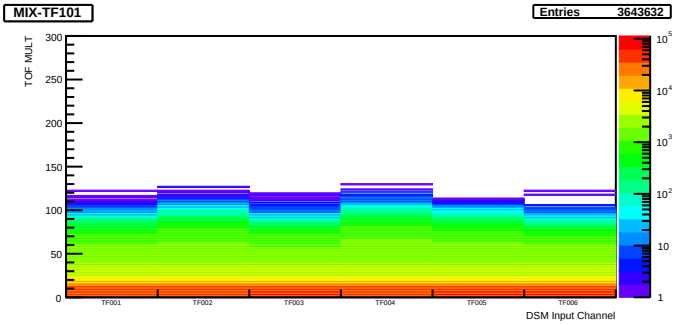

MIX-TF002
Entries 1.275271e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

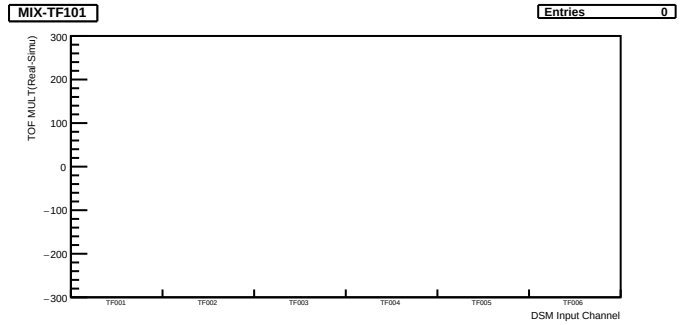

MIX-TF003
Entries 1.275271e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

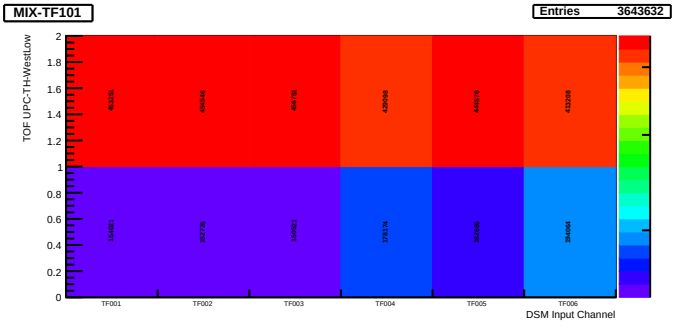

MIX-TF004
Entries 1.275271e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

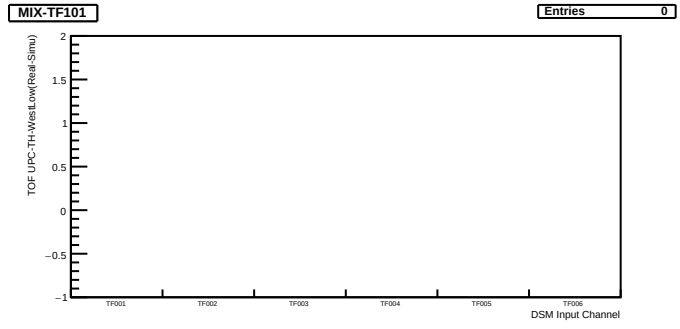

MIX-TF005
Entries 1.275271e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

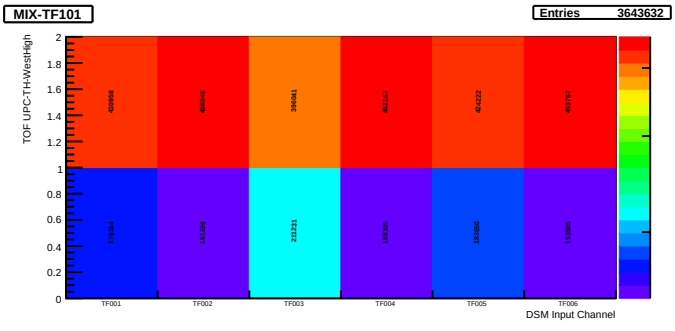

MIX-TF006
Entries 1.275271e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

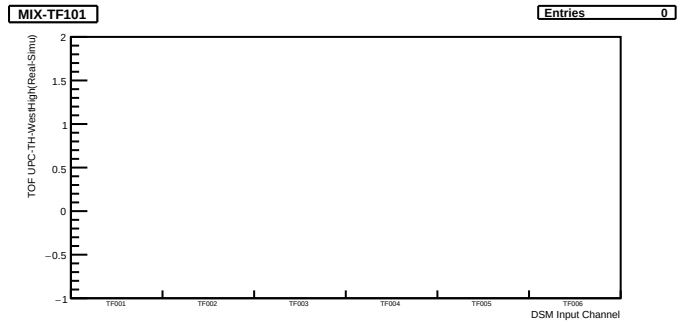

MIX-TF101
Entries 3643632
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

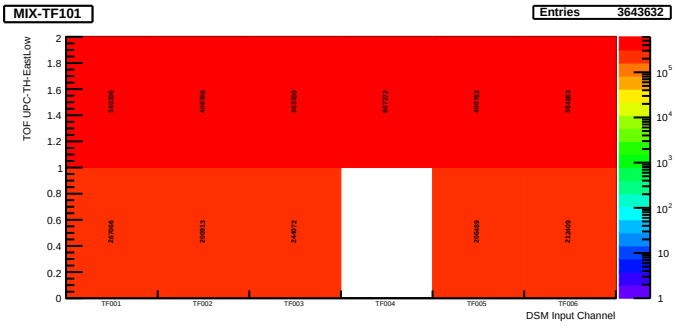

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

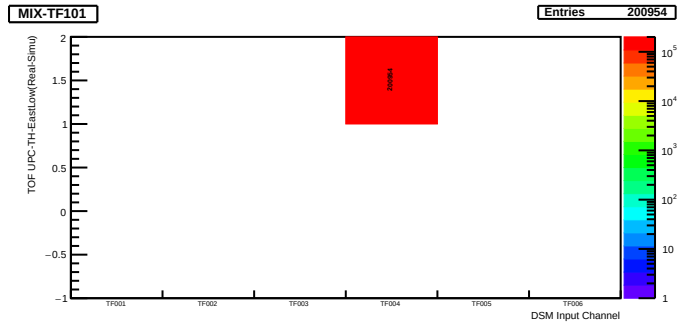

MIX-TF101
Entries 3643632
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

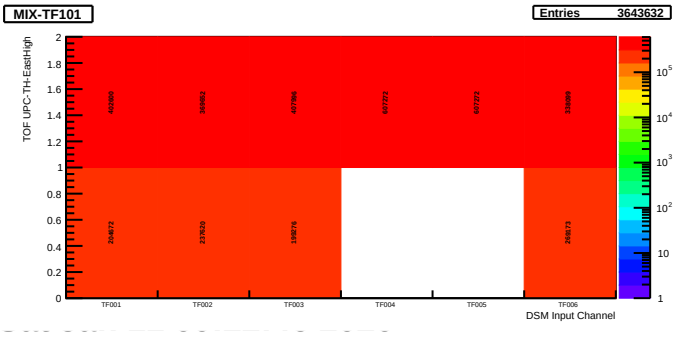

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

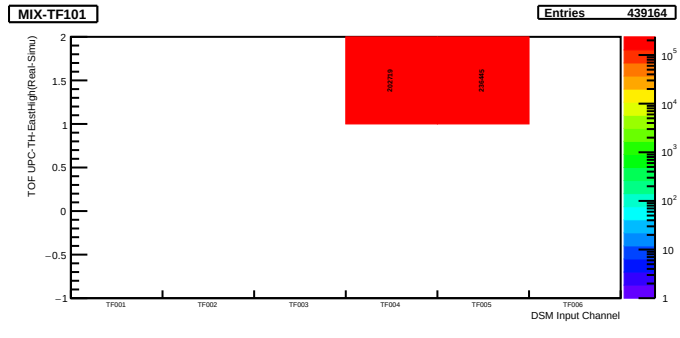

MIX-TF101
Entries 3643632
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

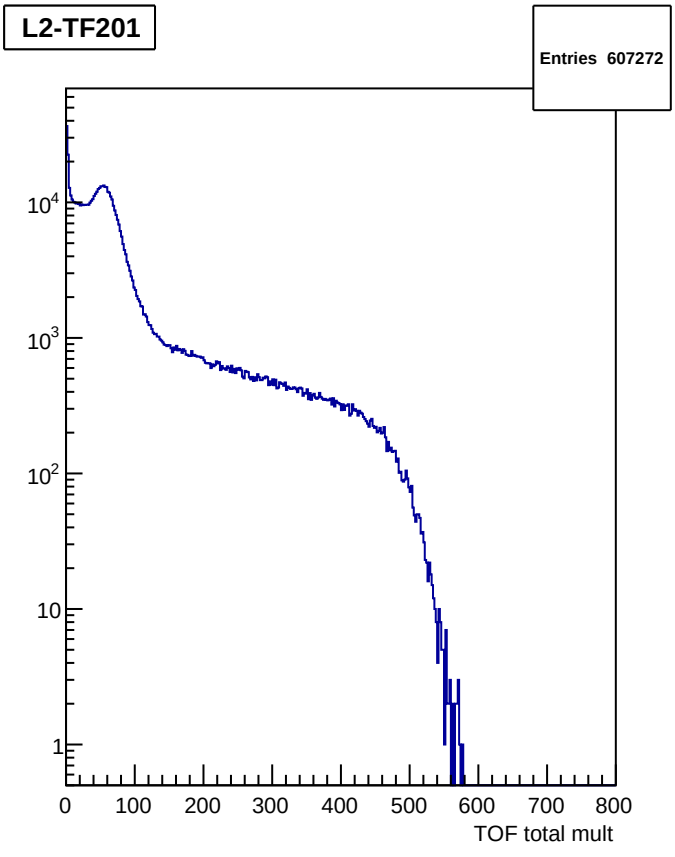

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

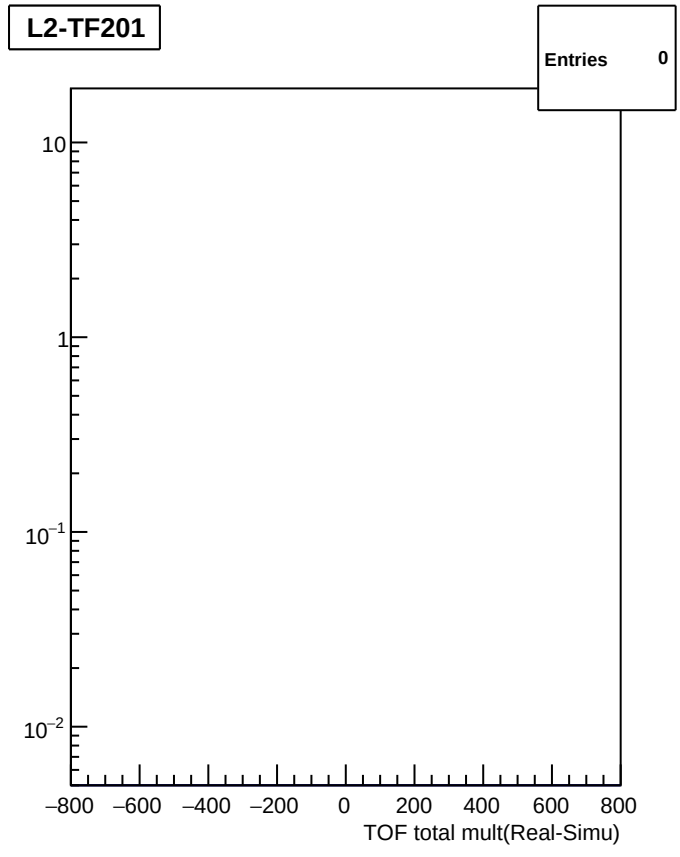

MIX-TF101
Entries 3643632
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

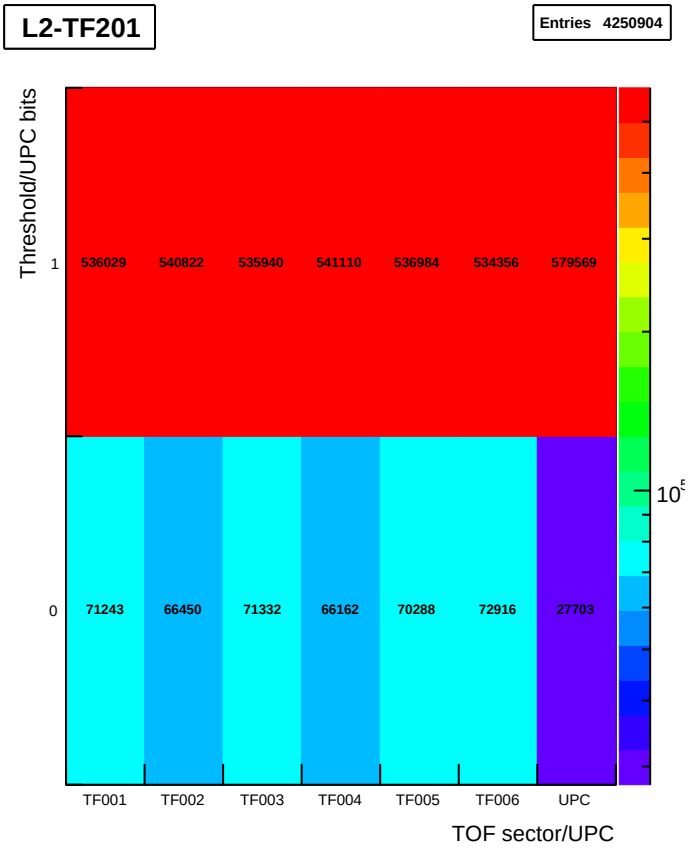

MIX-TF101
Entries 200954
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

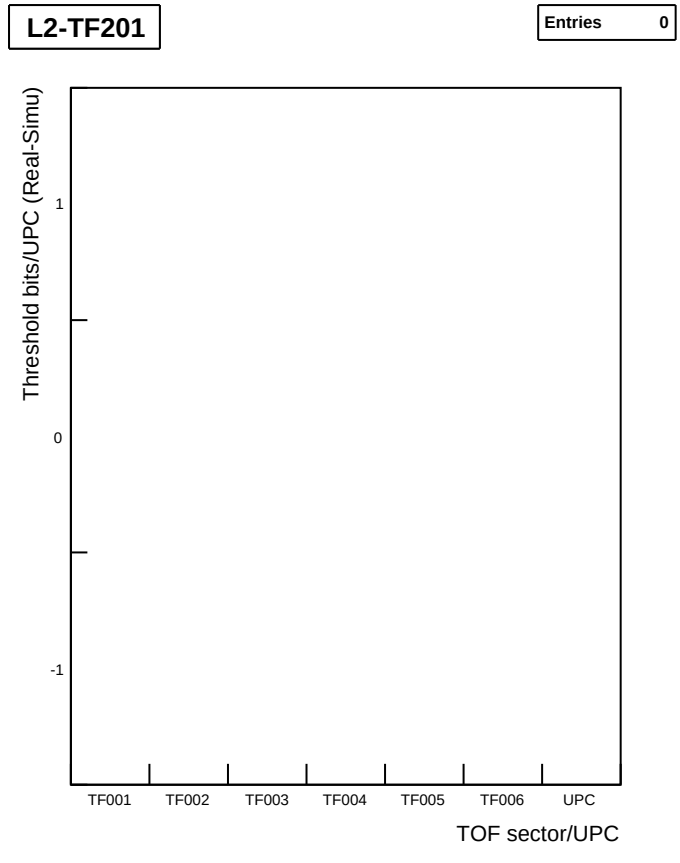

MIX-TF101
Entries 3643632
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

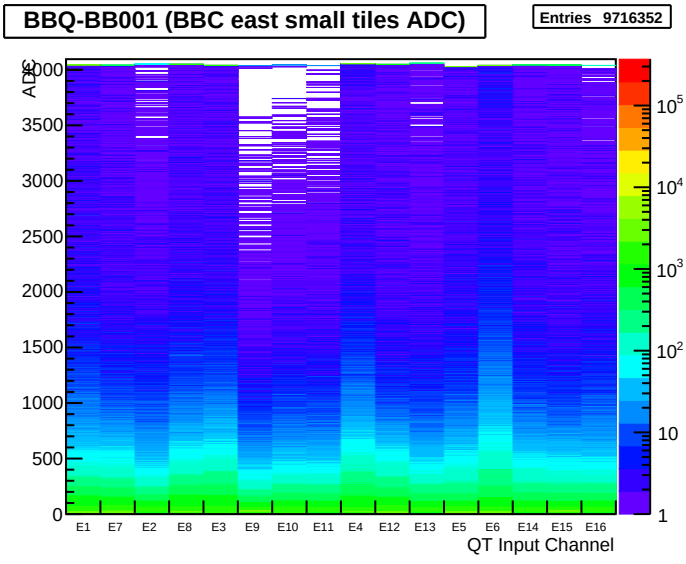

MIX-TF101
Entries 439164
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

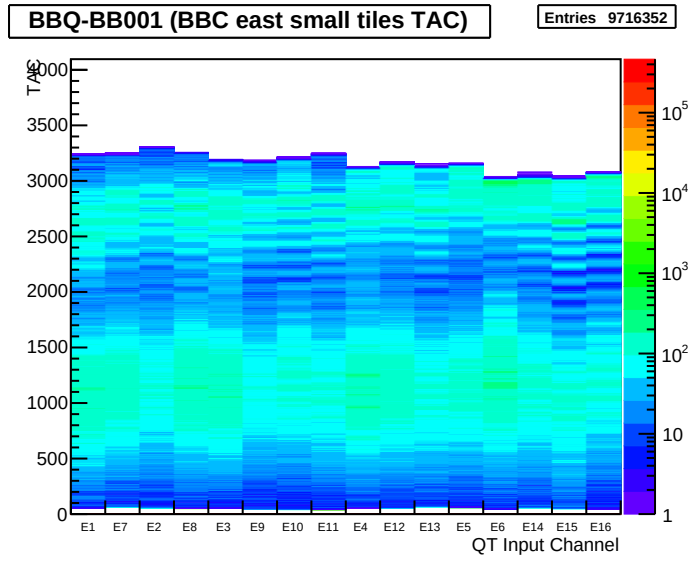

L2-TF201
Entries 607272
TOF total mult

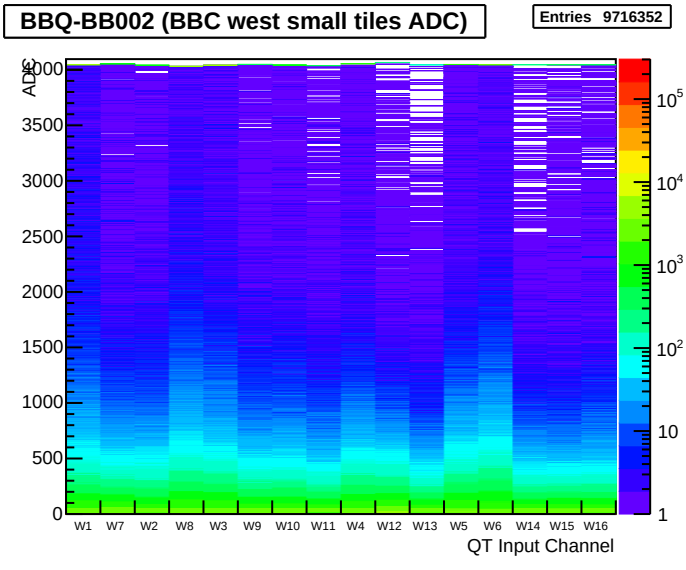

L2-TF201
Entries 0
TOF total mult(Real-Simu)

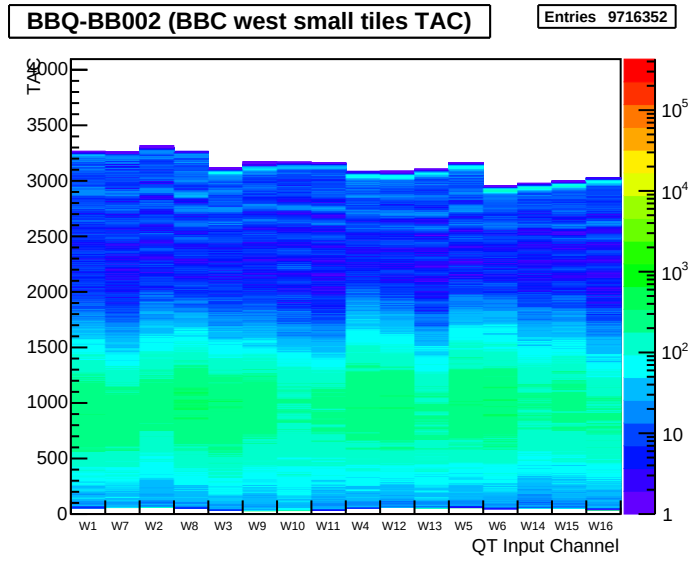

L2-TF201
Entries 4250904
Threshold/UPC bits
536029
540822
535940
541110
536984
534356
579569
71243
66450
71332
66162
70288
72916
27703
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

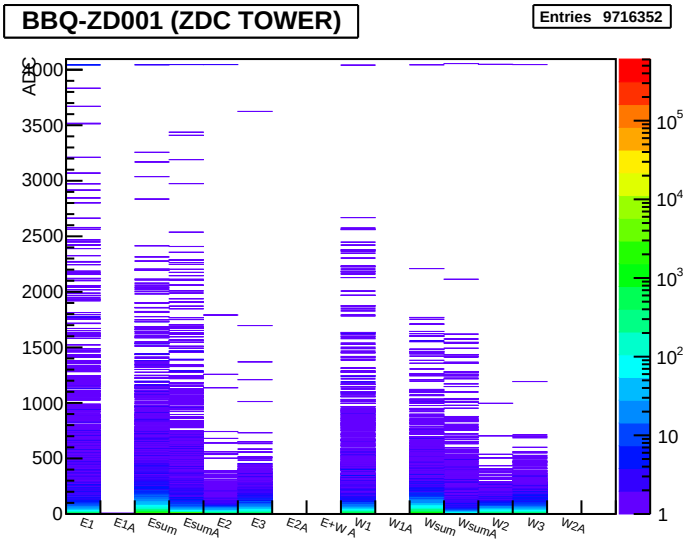

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

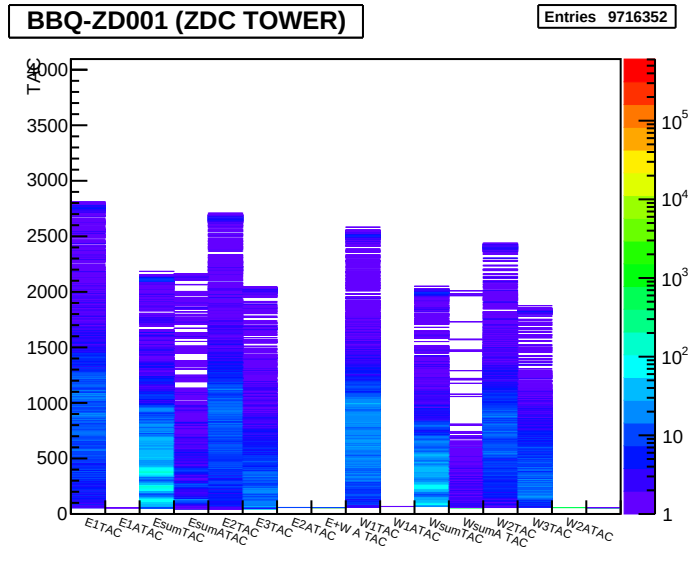

BBQ-BB001 (BBC east small tiles ADC)
Entries 9716352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

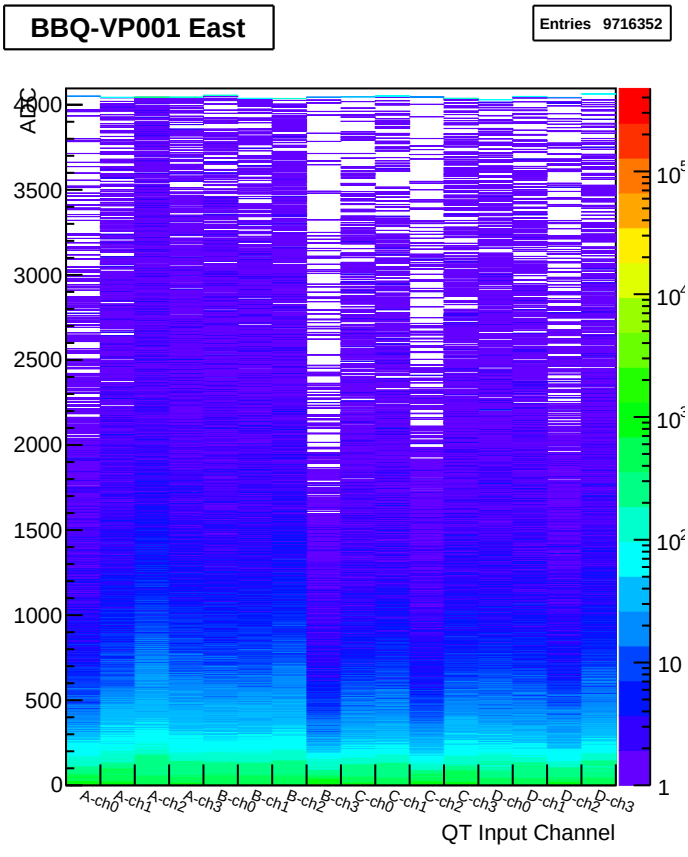

BBQ-BB001 (BBC east small tiles TAC)
Entries 9716352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

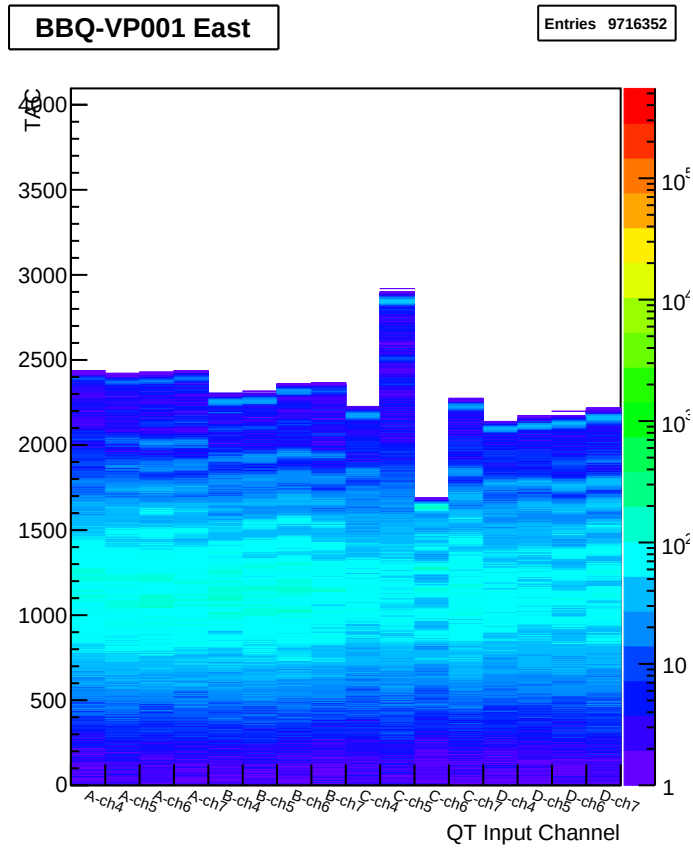

BBQ-BB002 (BBC west small tiles ADC)
Entries 9716352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

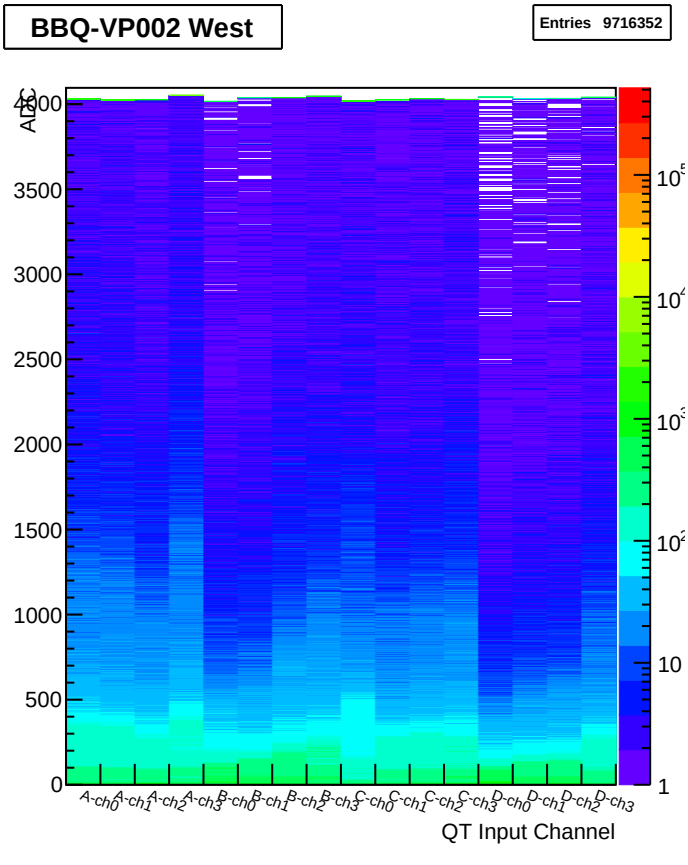

BBQ-BB002 (BBC west small tiles TAC)
Entries 9716352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

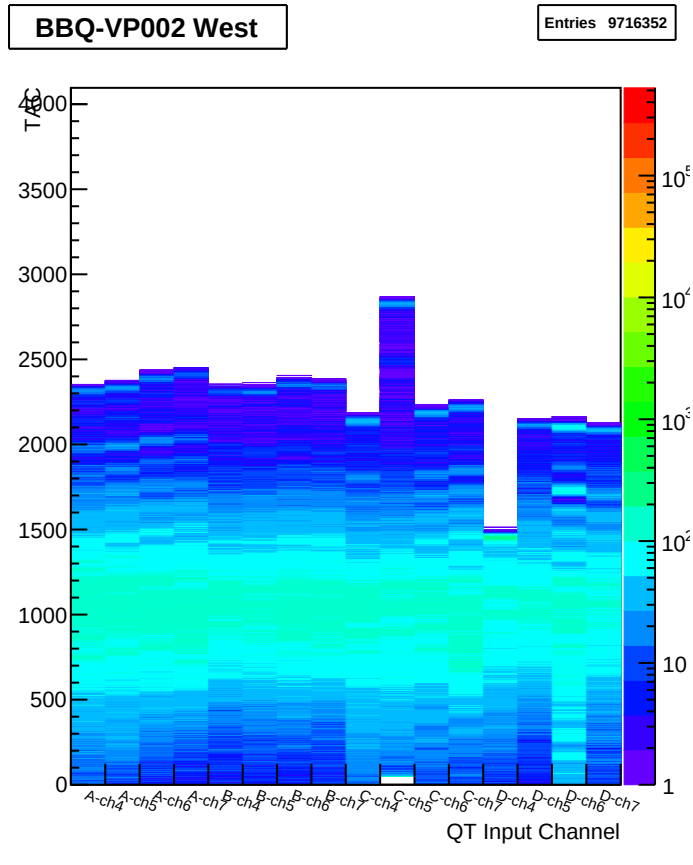

BBQ-ZD001 (ZDC TOWER)
Entries 9716352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

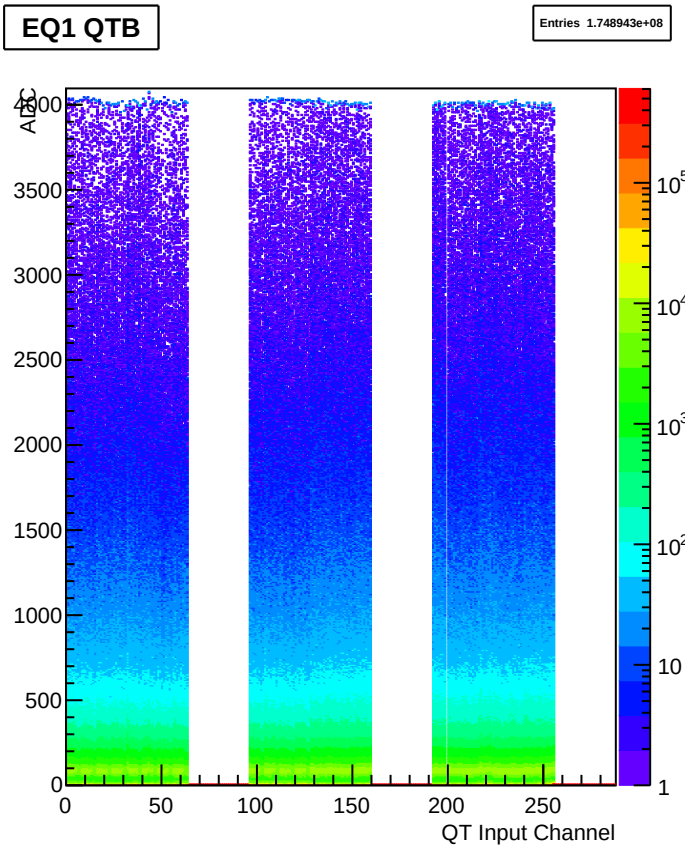

BBQ-ZD001 (ZDC TOWER)
Entries 9716352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

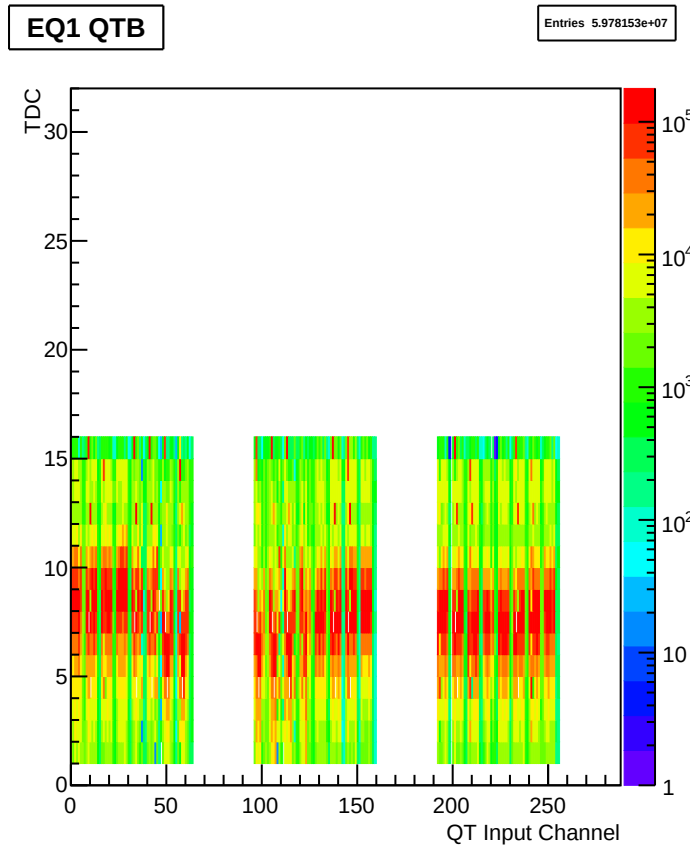

BBQ-VP001 East
Entries 9716352
ADC
QT Input Channel

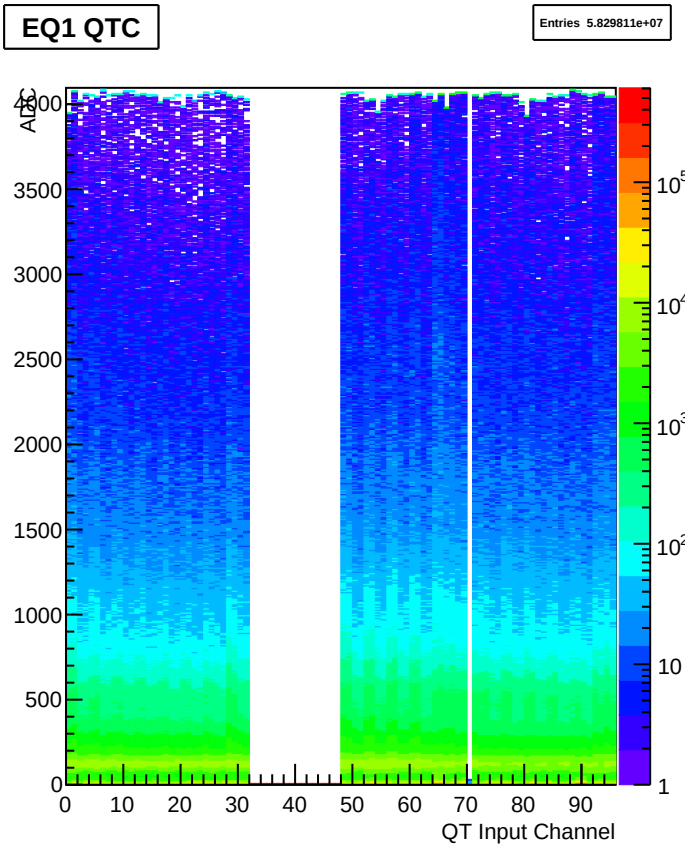

BBQ-VP001 East
Entries 9716352
TADC
QT Input Channel

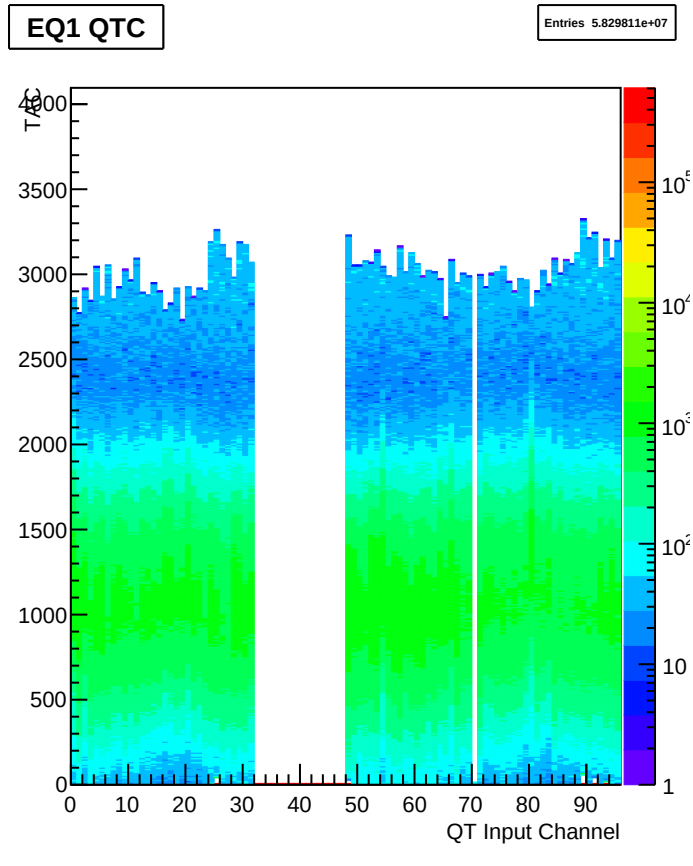

BBQ-VP002 West
Entries 9716352
ADC
QT Input Channel

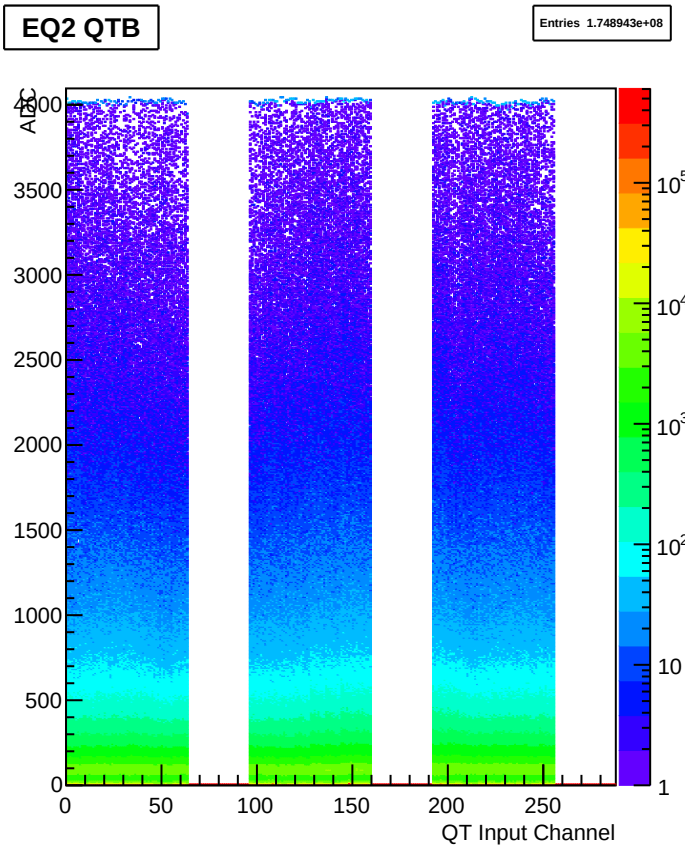

BBQ-VP002 West
Entries 9716352
TADC
QT Input Channel

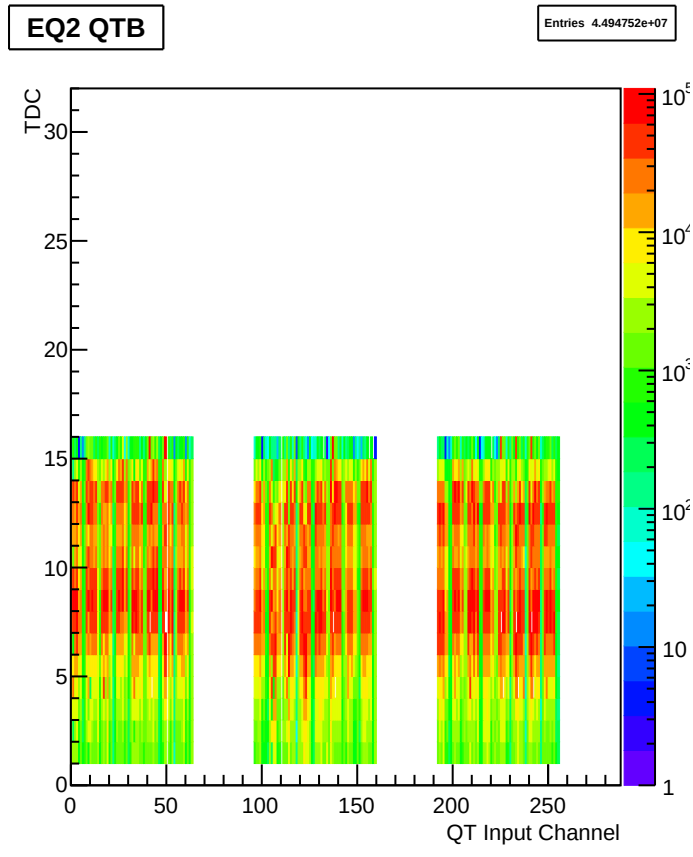

EQ1 QTB
Entries 1.748943e+08
ADC
QT Input Channel

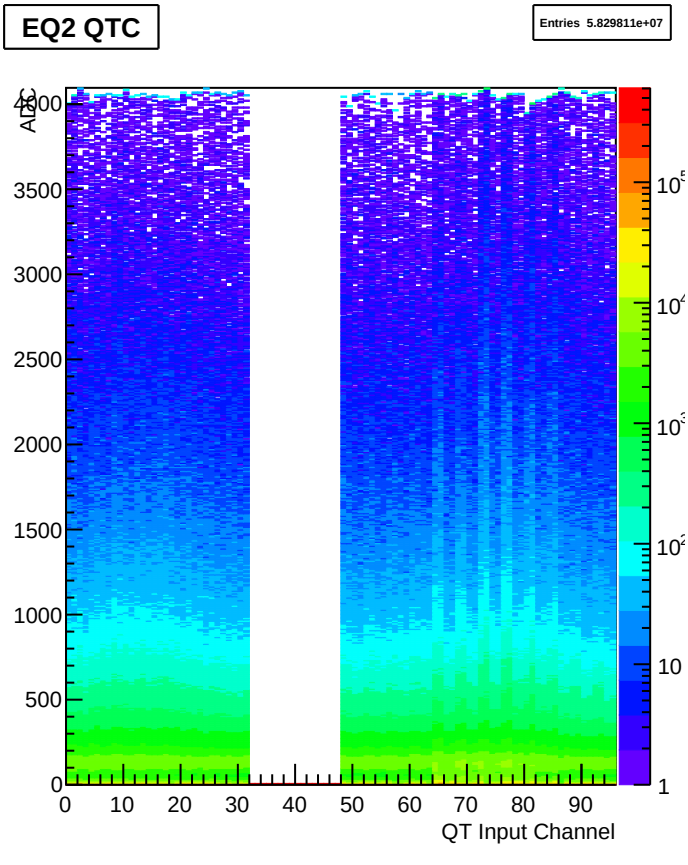

EQ1 QTB
Entries 5.978153e+07
TDC
QT Input Channel

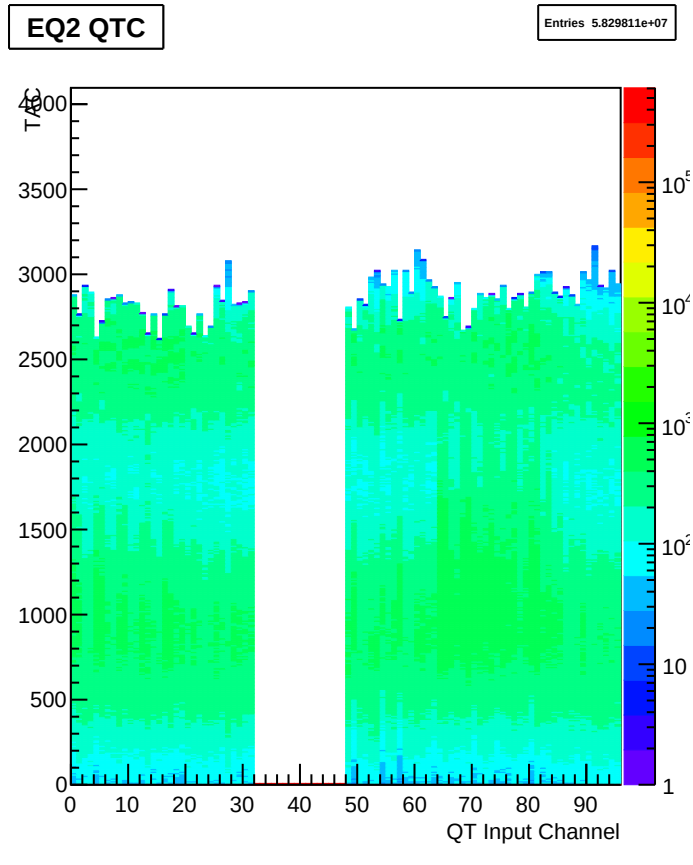

EQ1 QTC
Entries 5.829811e+07
ADC
QT Input Channel

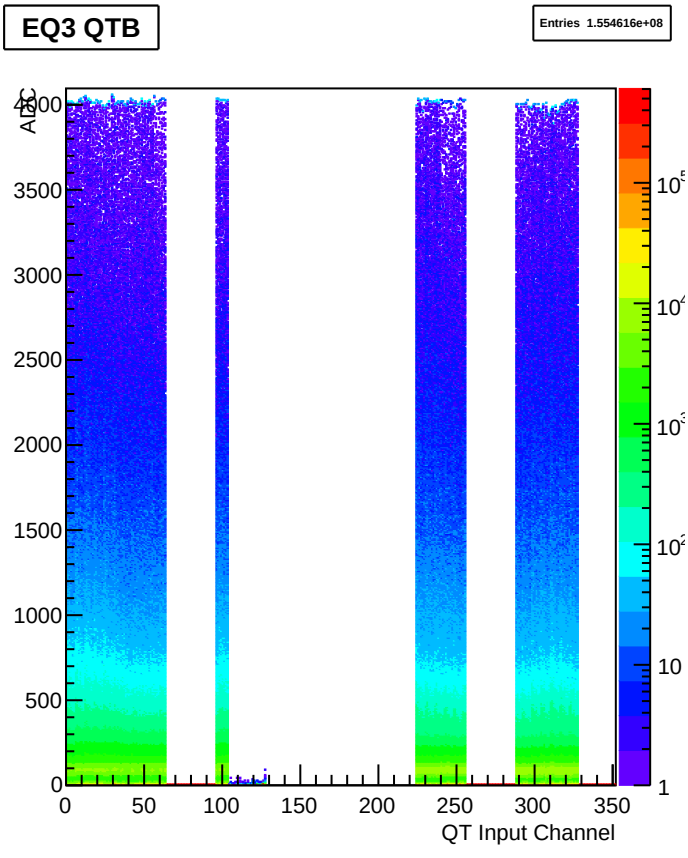

EQ1 QTC
Entries 5.829811e+07
TADC
QT Input Channel

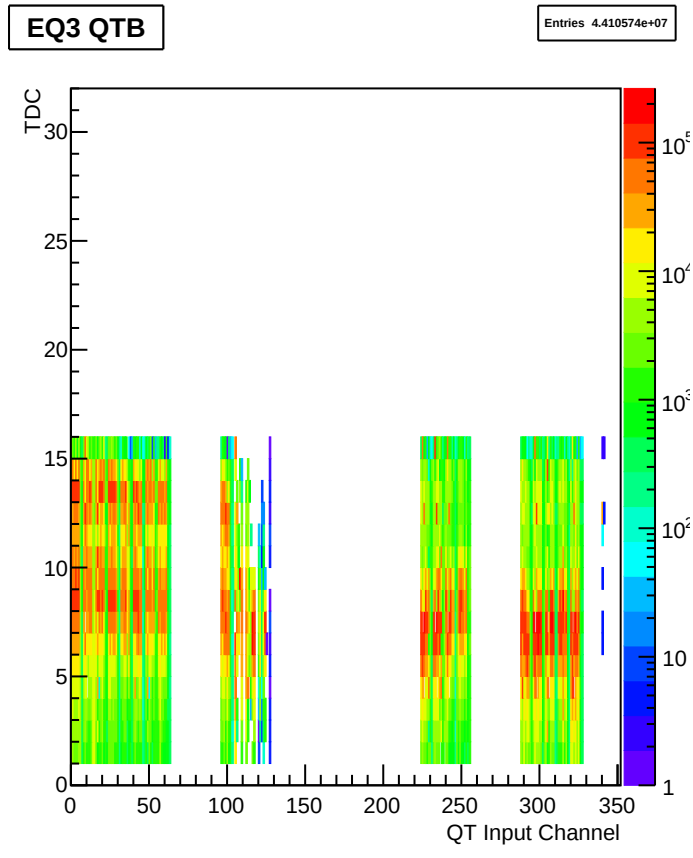

EQ2 QTB
Entries 1.748943e+08
ADC
QT Input Channel

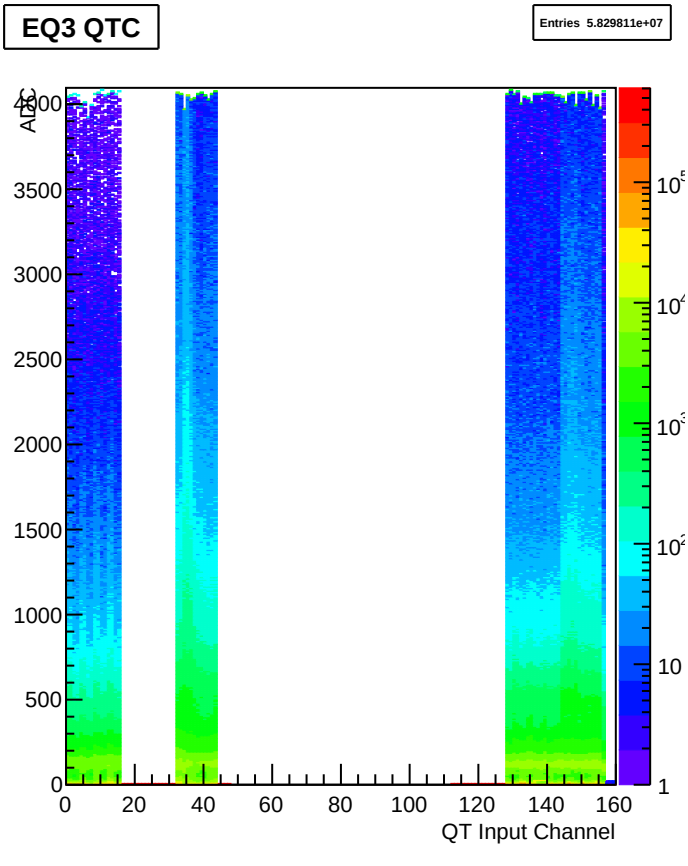

EQ2 QTB
Entries 4.494752e+07
TDC
QT Input Channel

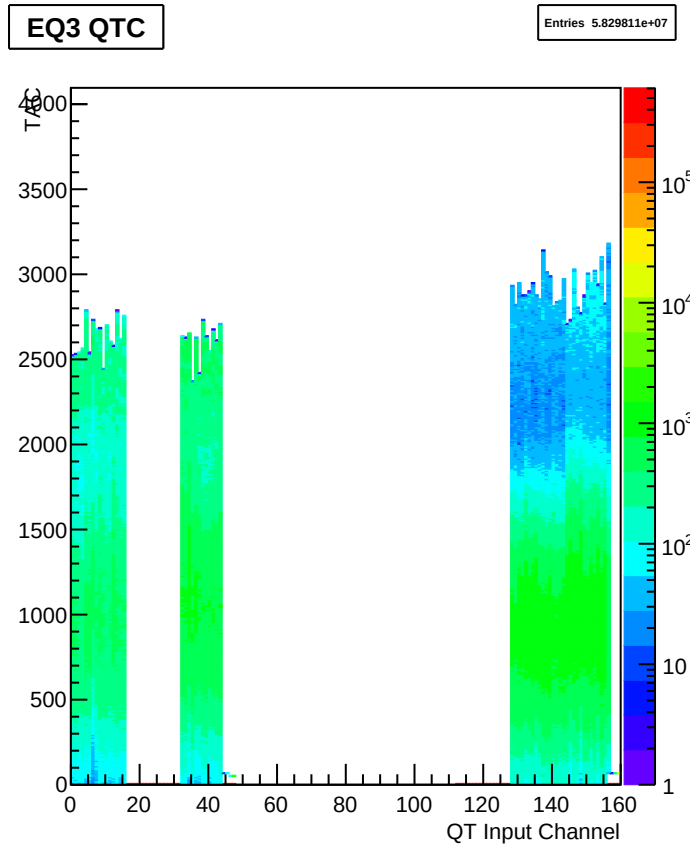

EQ2 QTC
Entries 5.829811e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.829811e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.554616e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.410574e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.829811e+07
ADC
QT Input Channel


EQ3 QTC
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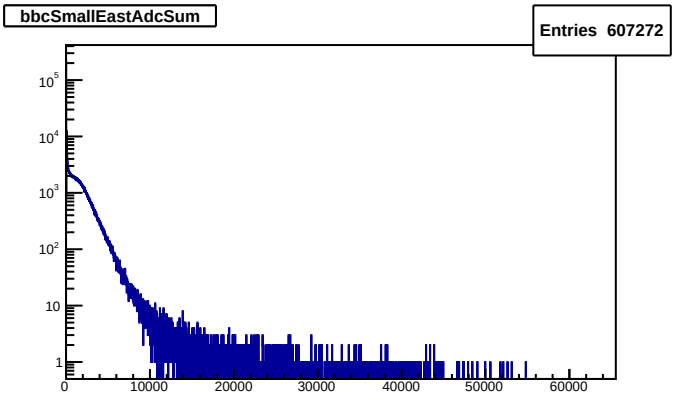
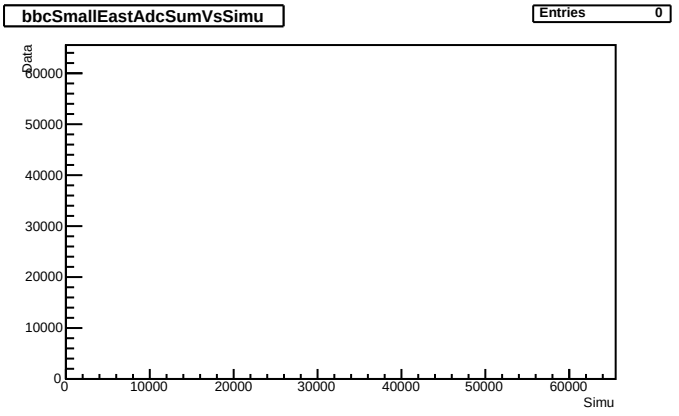
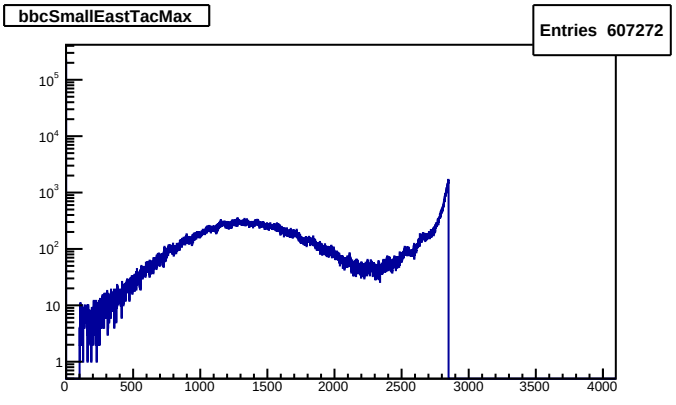
QT Input Channel


bbcSmallEastAdcSum
Entries 607272


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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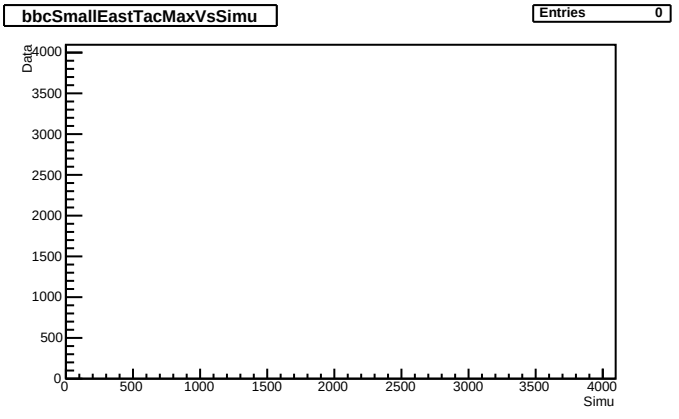
Entries 607272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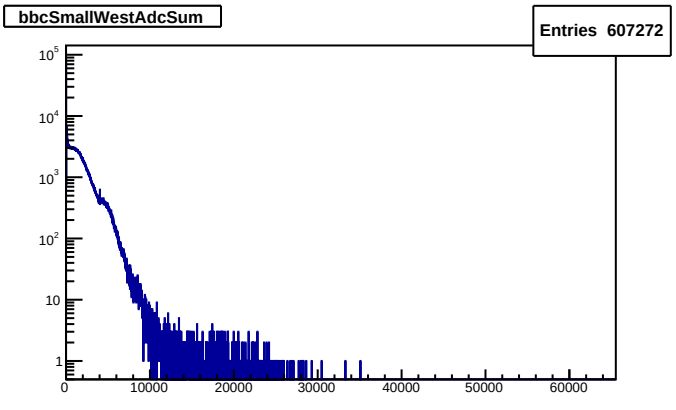
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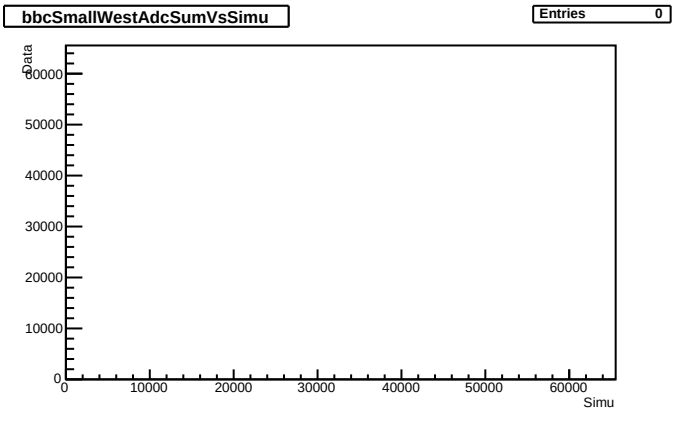
Entries 607272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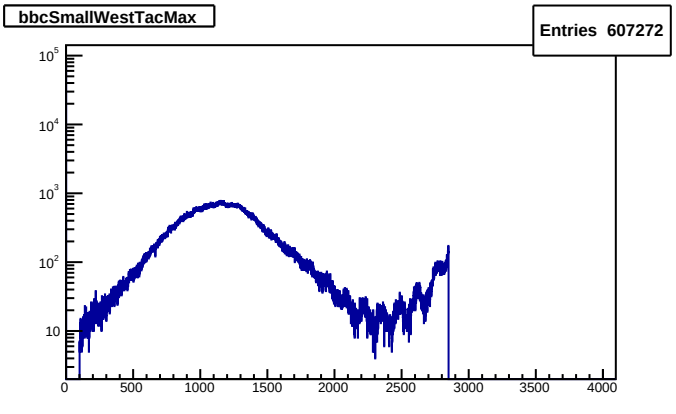
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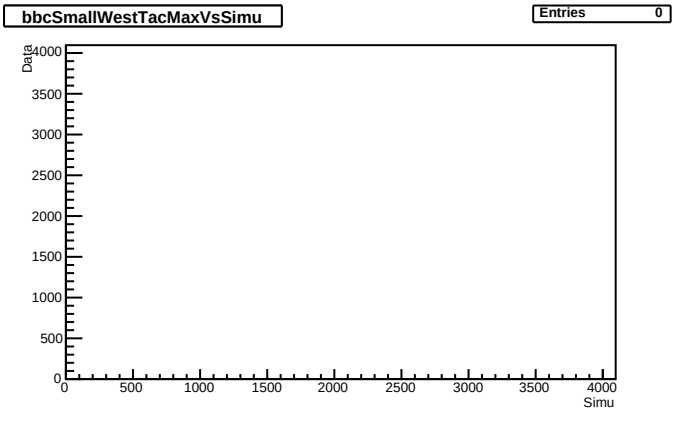
bbcSmallWestTacMaxVsSimu
Entries 0
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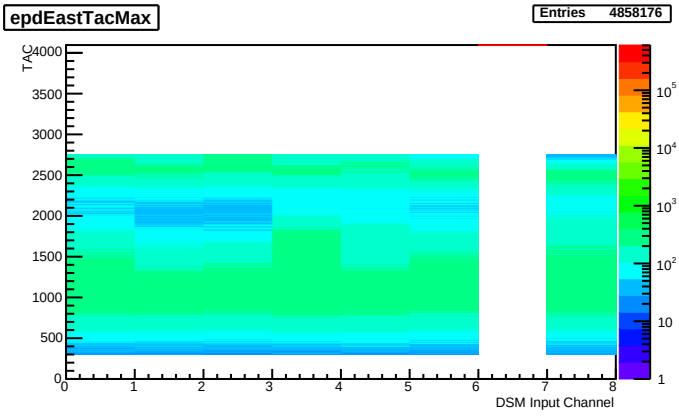
Simu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Entries 4858176
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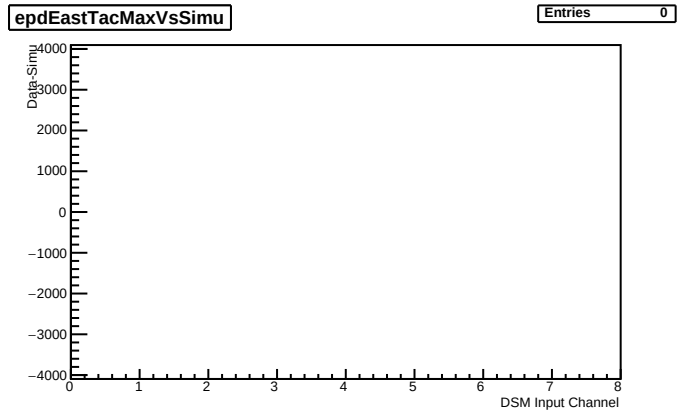
DSM Input Channel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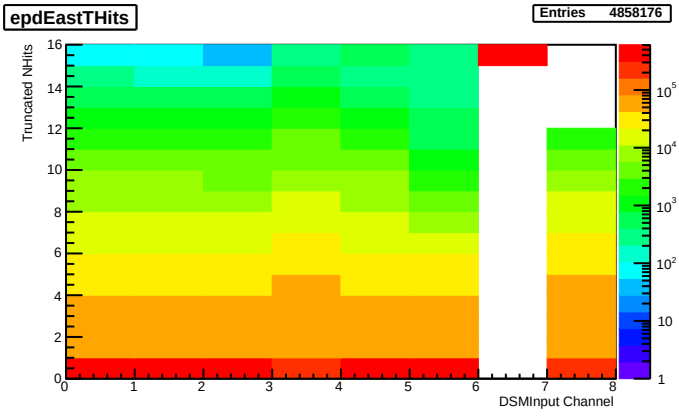
Entries 0
Data-Simu
DSM Input Channel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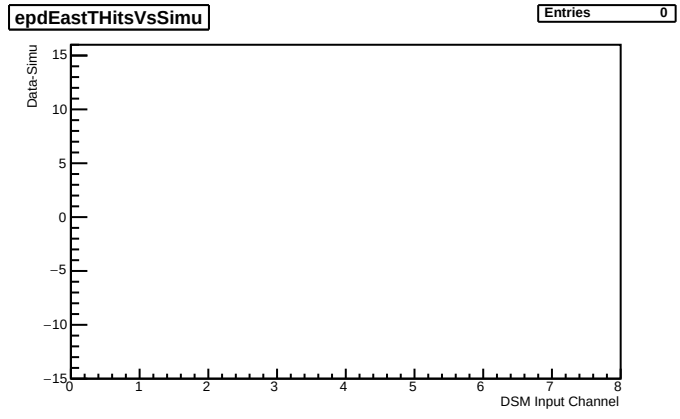
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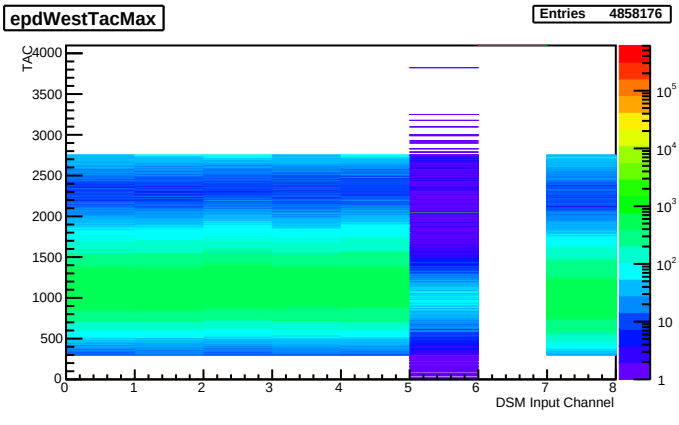
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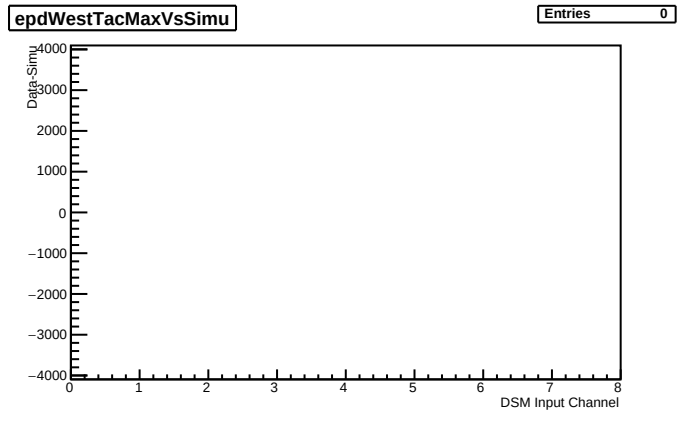
DSM Input Channel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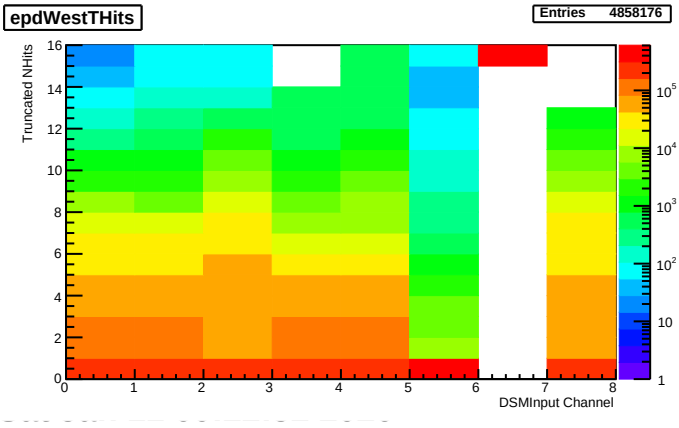
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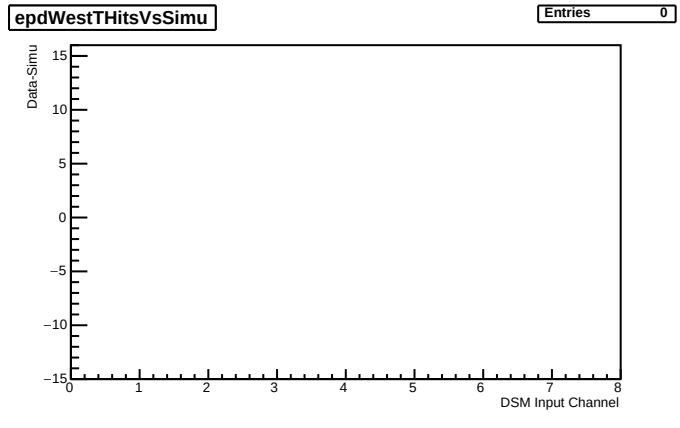
Entries 4858176
Truncated NHits
DSMInput Channel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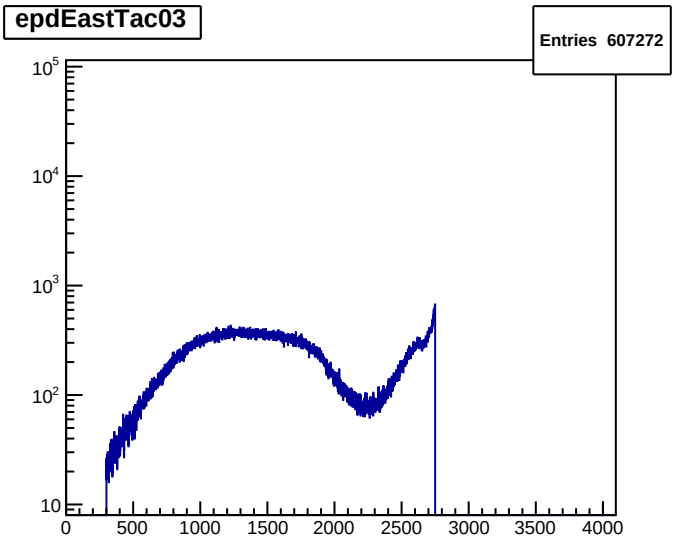
DSM Input Channel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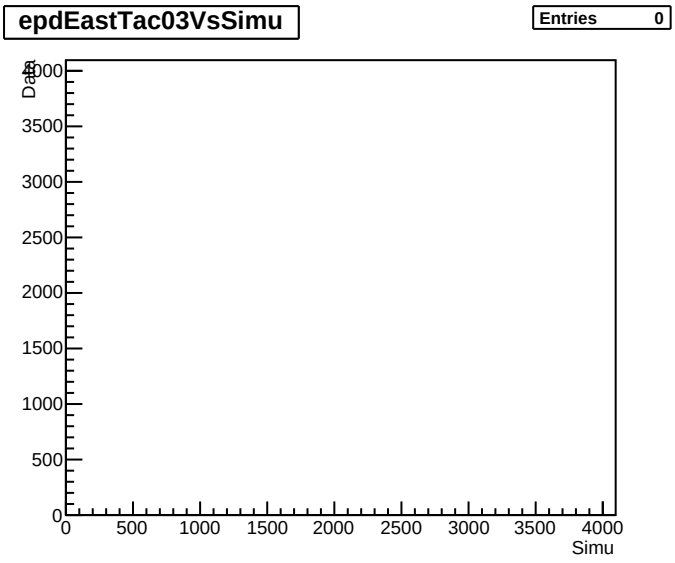
Entries 607272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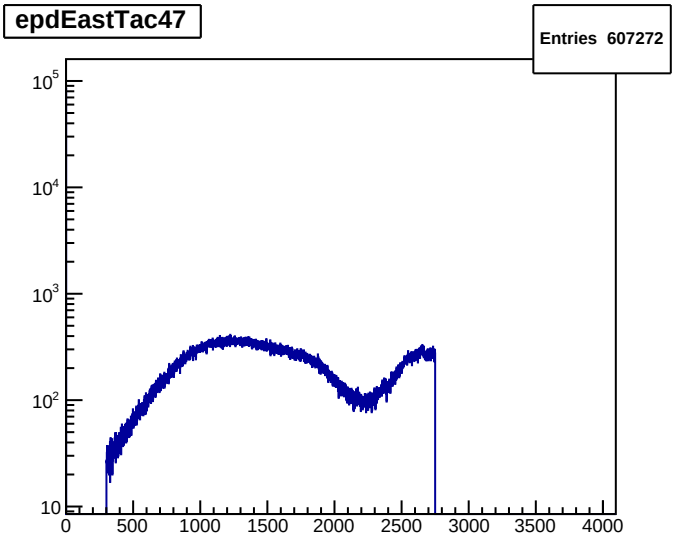
Entries 0
Data
Simu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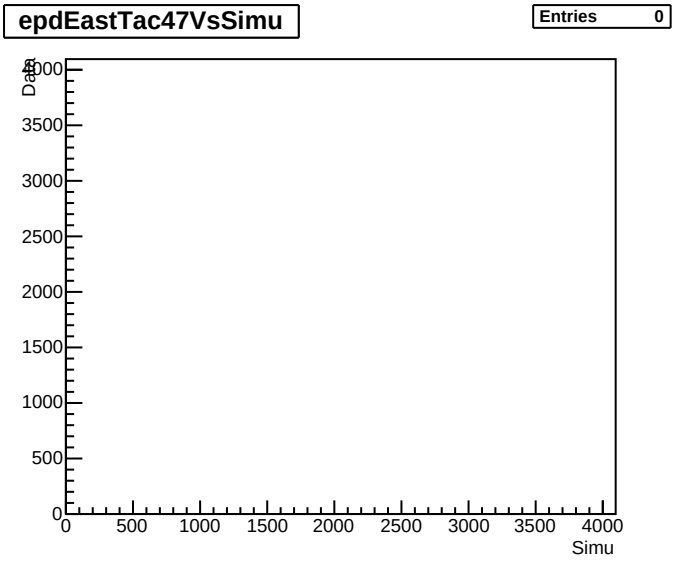
Entries 607272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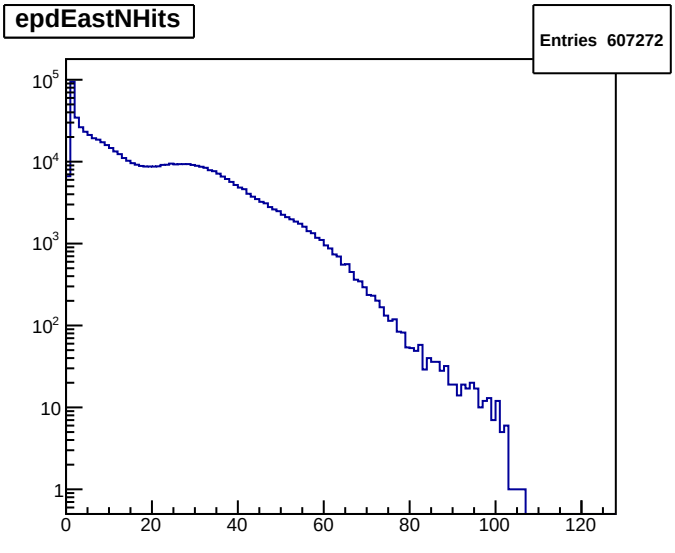
Entries 0
Data
Simu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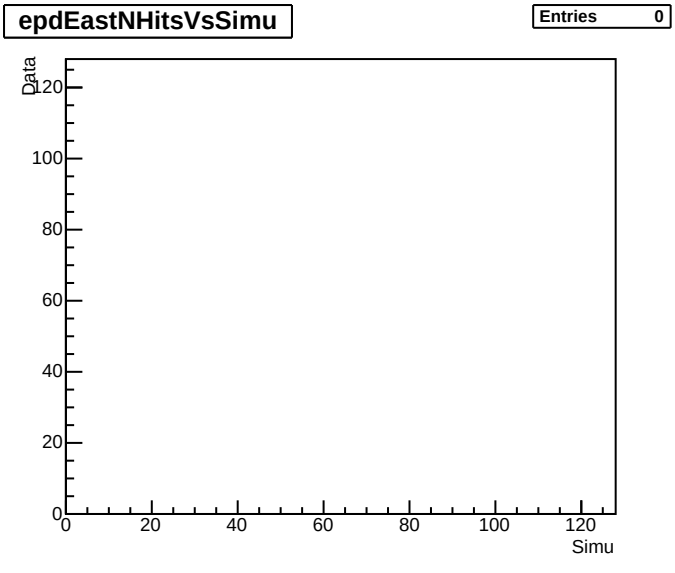
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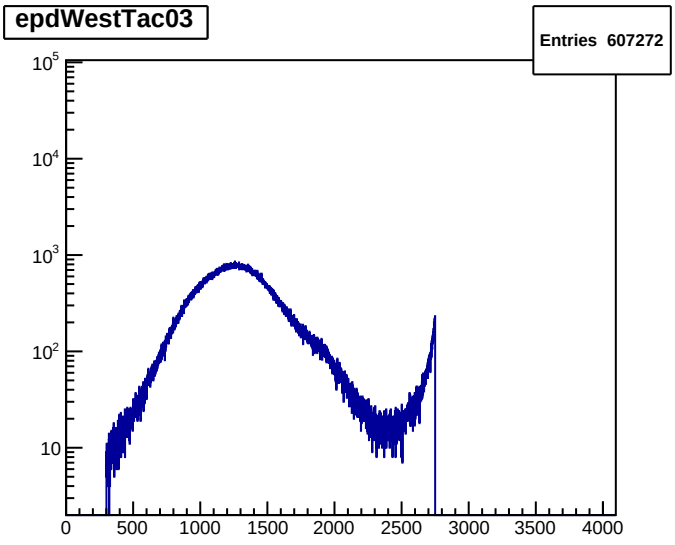
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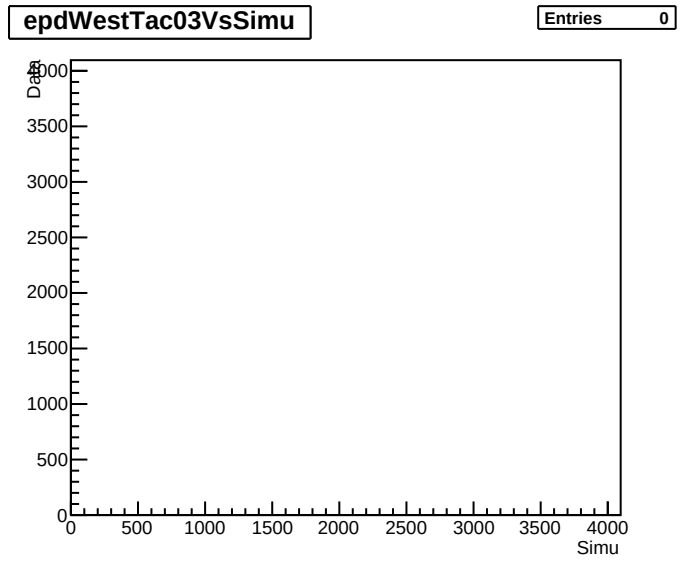
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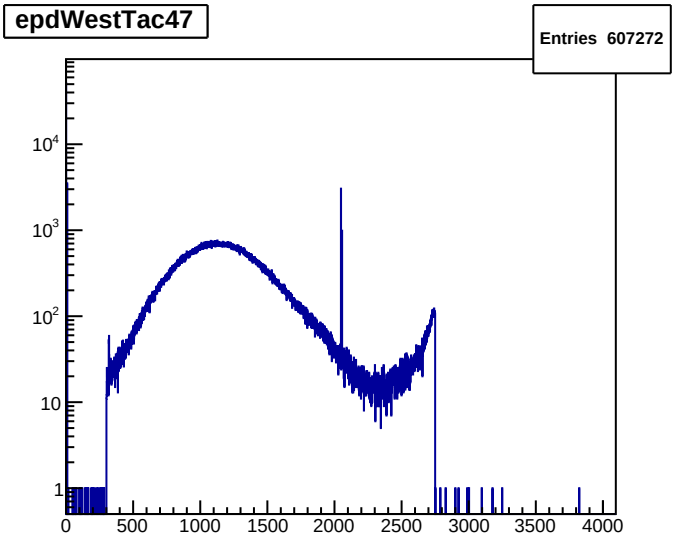
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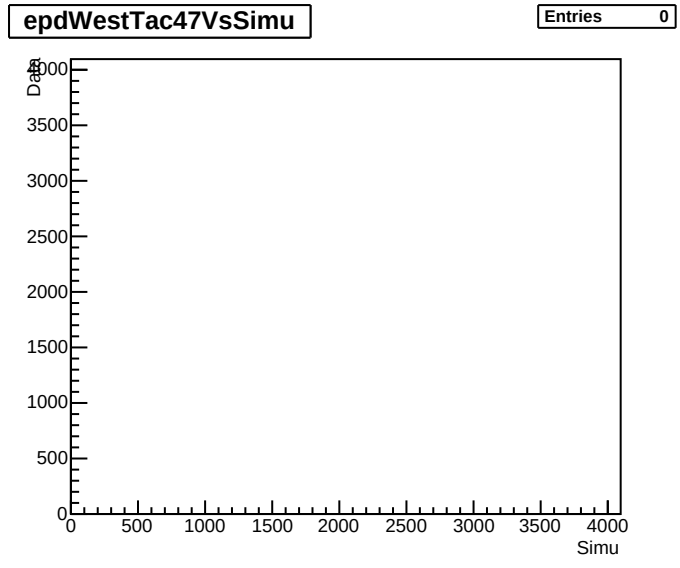
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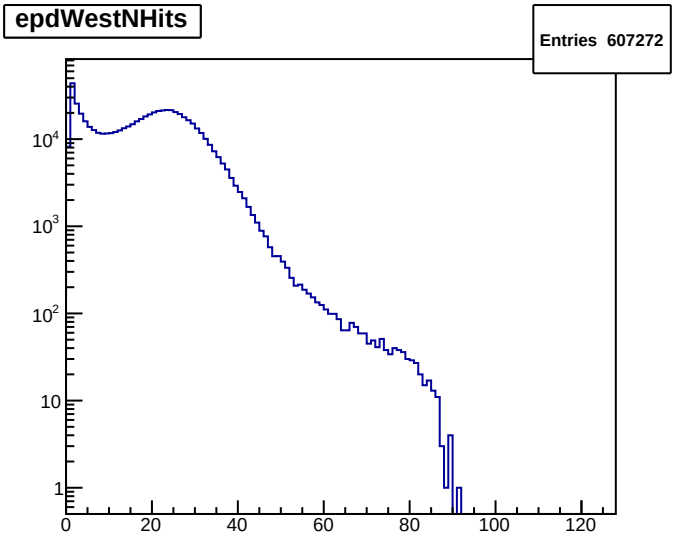
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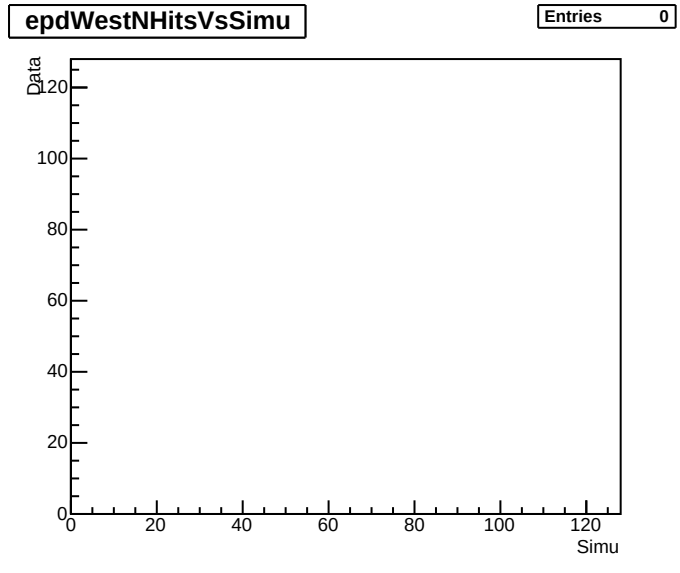
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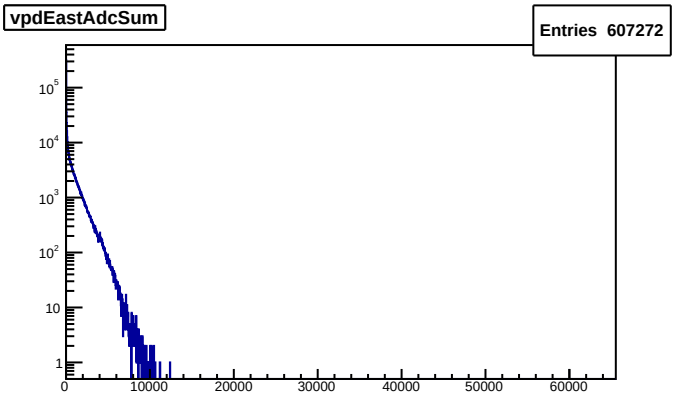
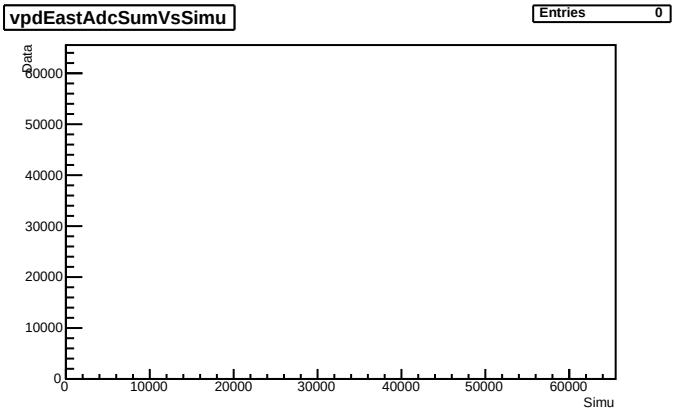
Entries 0
Data
Simu


vpdEastAdcSum
Entries 607272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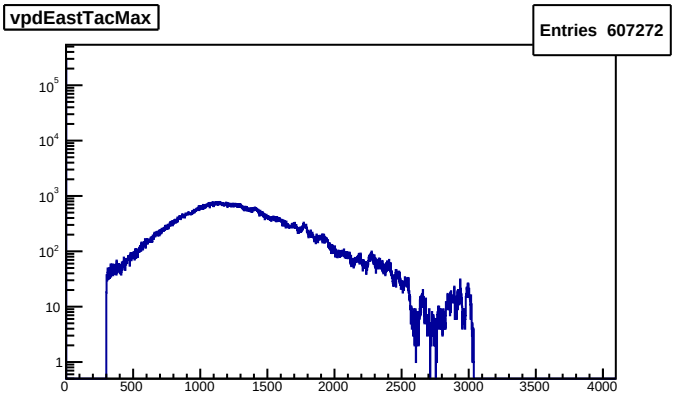
Entries 0
Data
Simu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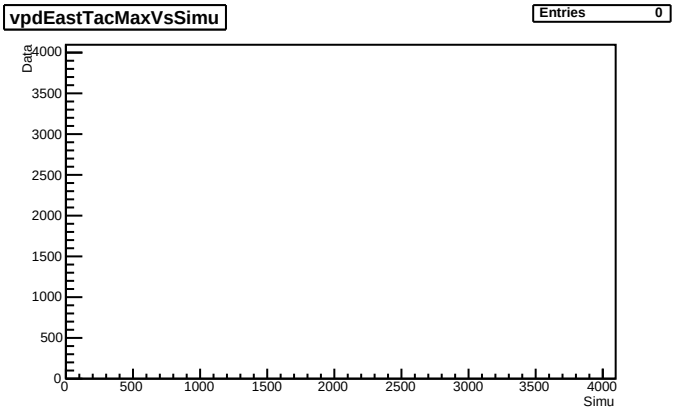
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Entries 0
Data
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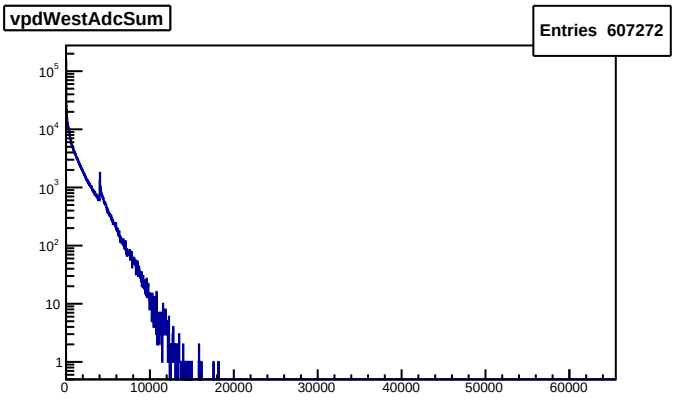
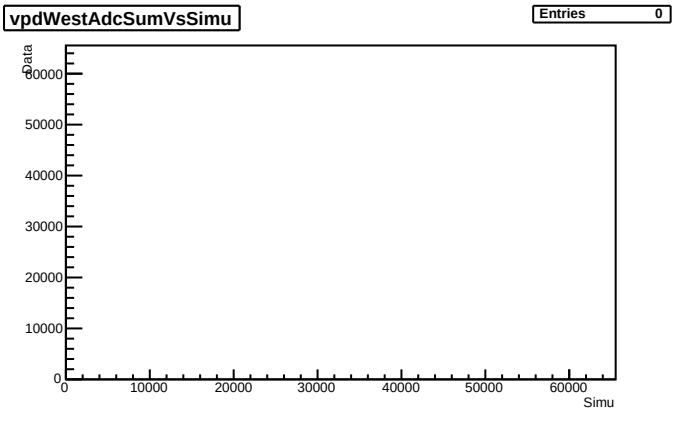

vpdWestAdcSum
Entries 607272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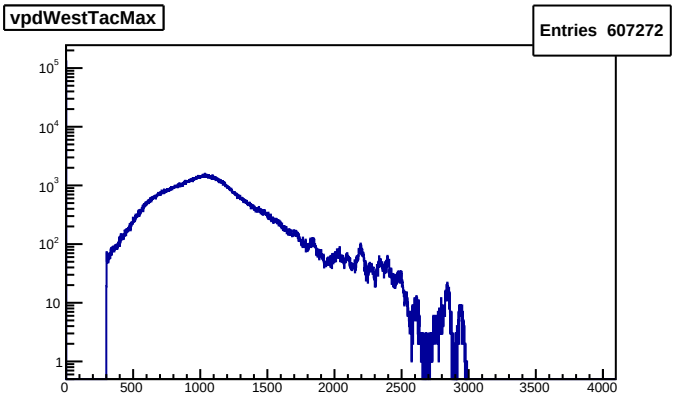
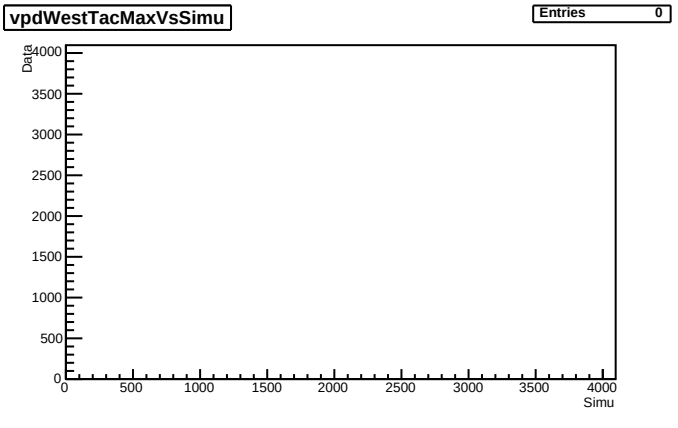
Entries 0
Data
Simu


vpdWestTacMax
Entries 607272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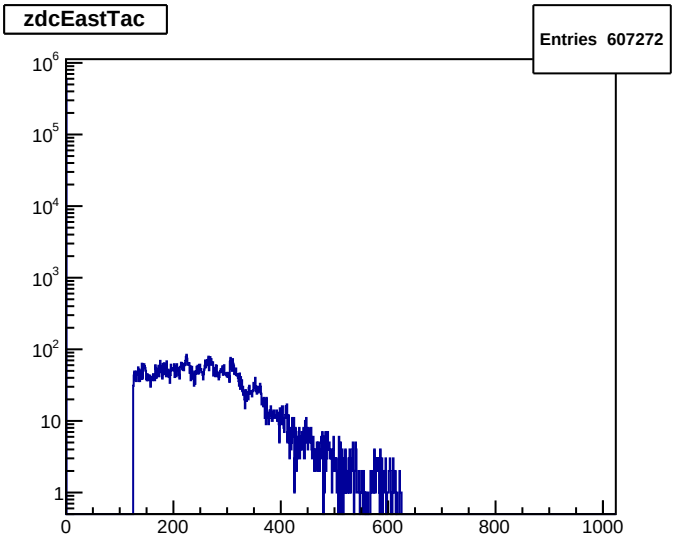
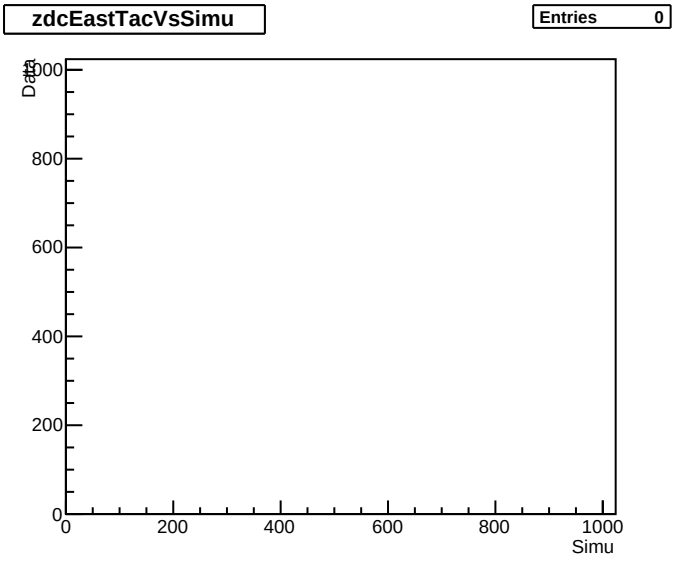
Entries 0
Data
Simu


zdcEastTac
Entries 607272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Entries 0
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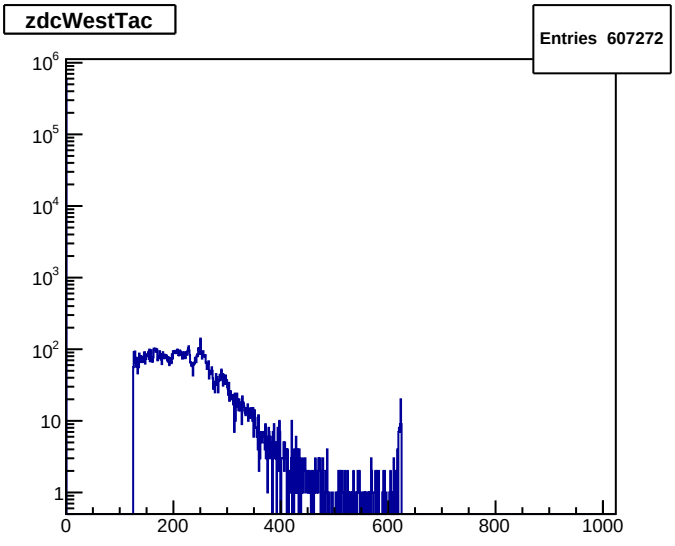
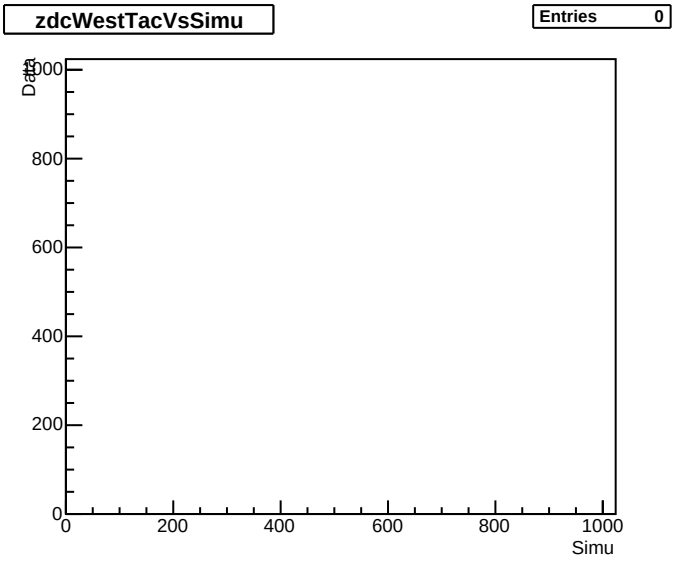
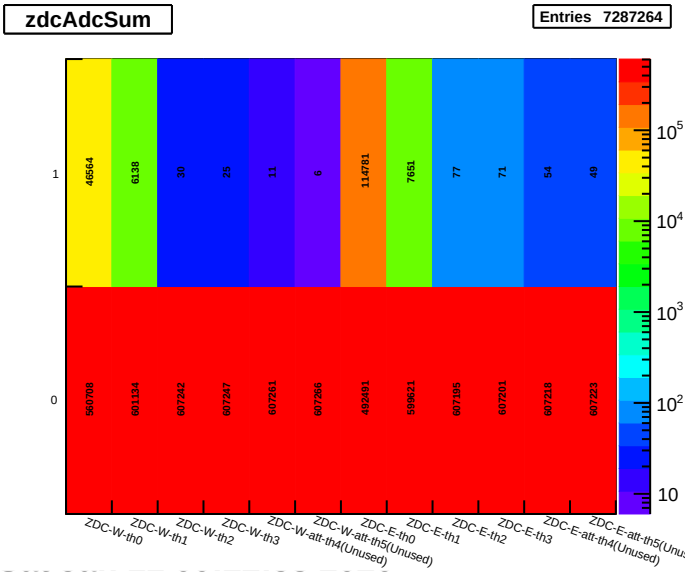

zdcWestTac
Entries 607272


zdcWestTacVsSimu
Entries 0
Data
Simu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Entries 7287264
46564
6138
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25
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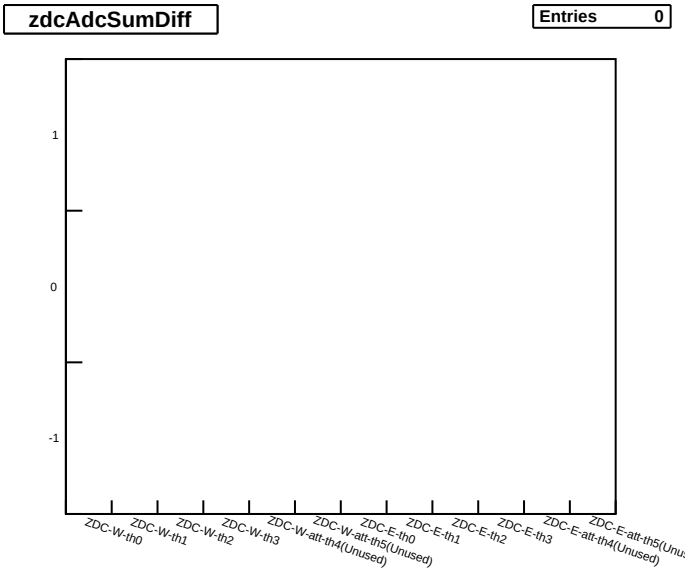
7651
77
71
54
49
560708
601134
607242
607247
607261
607266
492491
599621
607195
607201
607218
607223
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
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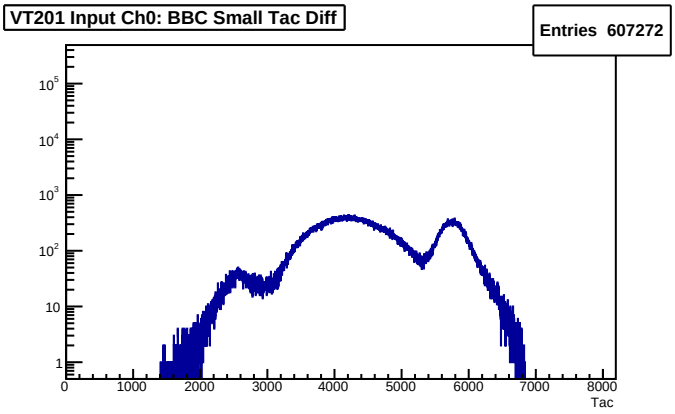
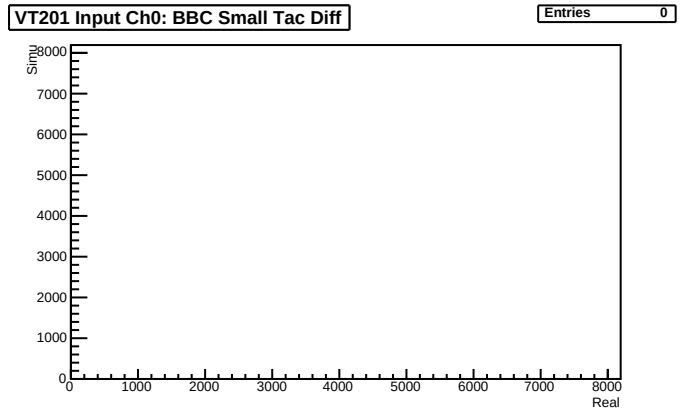
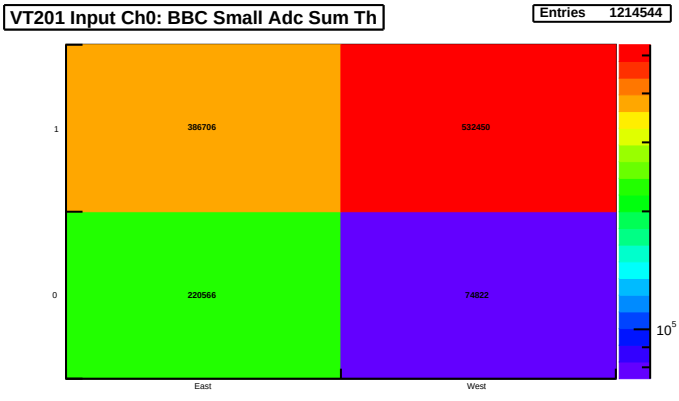
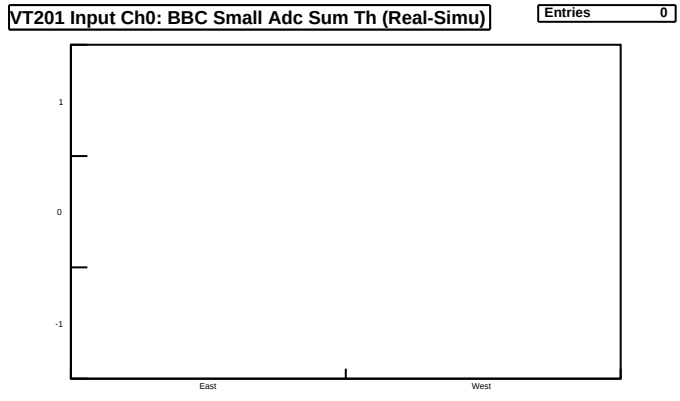
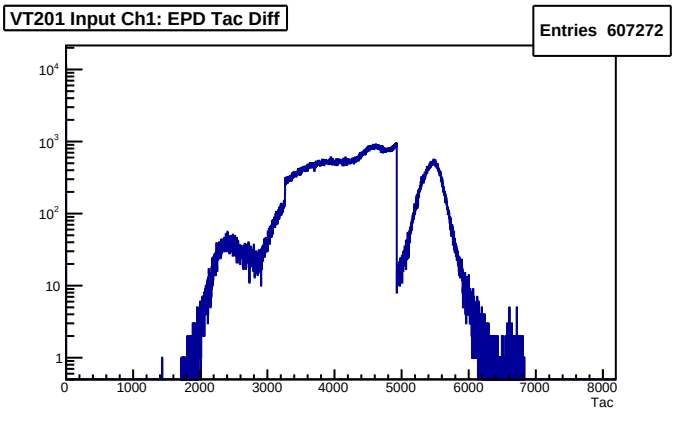
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

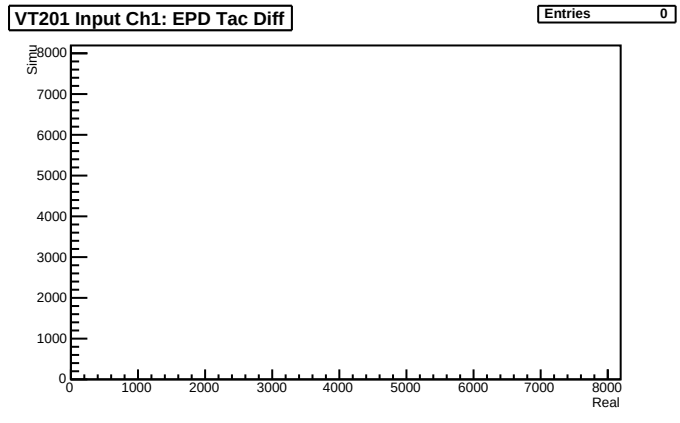

VT201 Input Ch0: BBC Small Tac Diff
Entries 607272
Tac

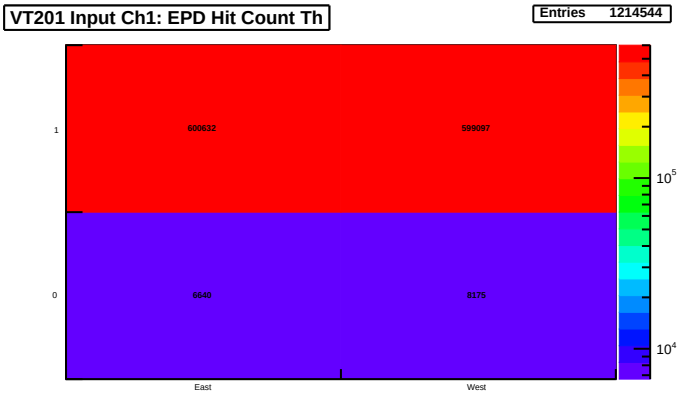

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

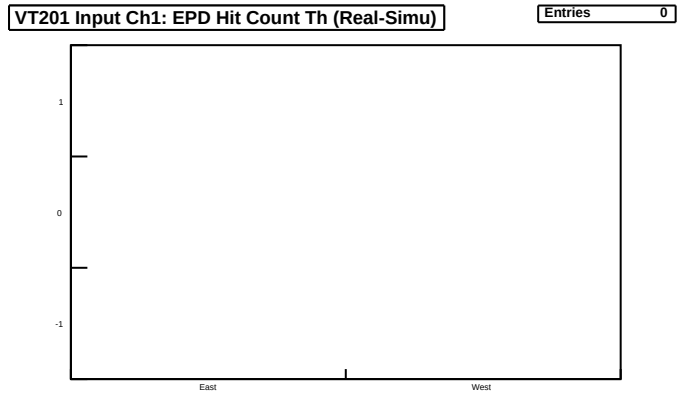

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1214544
386706
532450
220566
74822
East
West

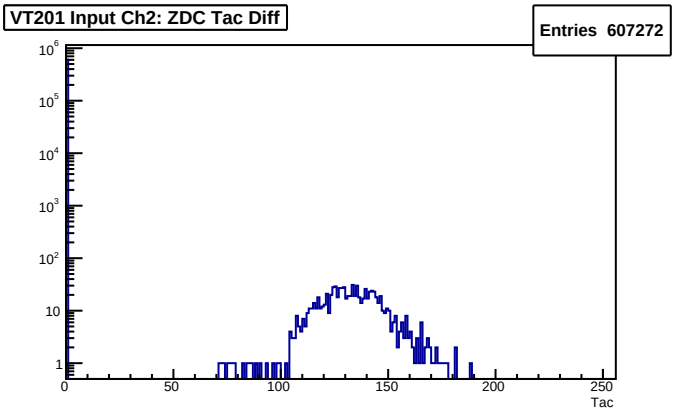

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

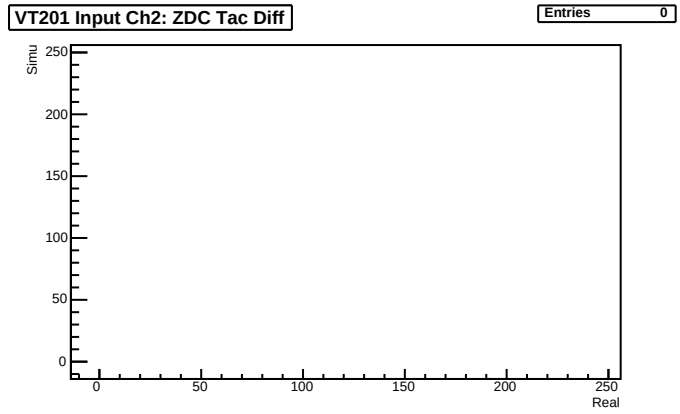

VT201 Input Ch1: EPD Tac Diff
Entries 607272
Tac

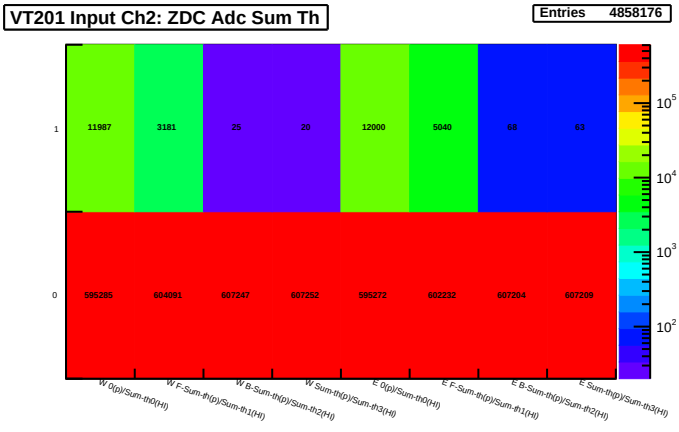

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

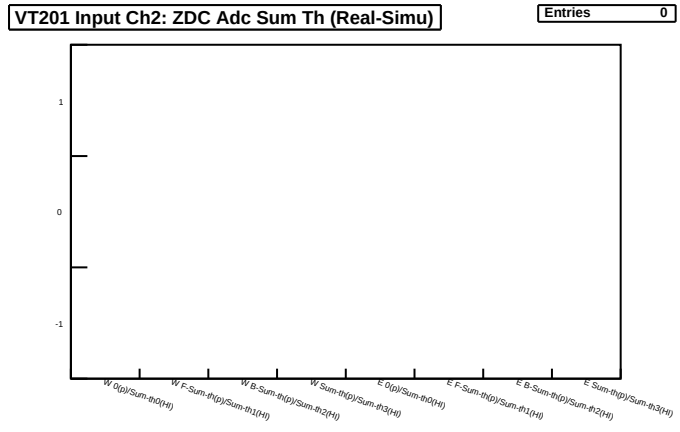

VT201 Input Ch1: EPD Hit Count Th
Entries 1214544
600632
599097
6640
8175
East
West

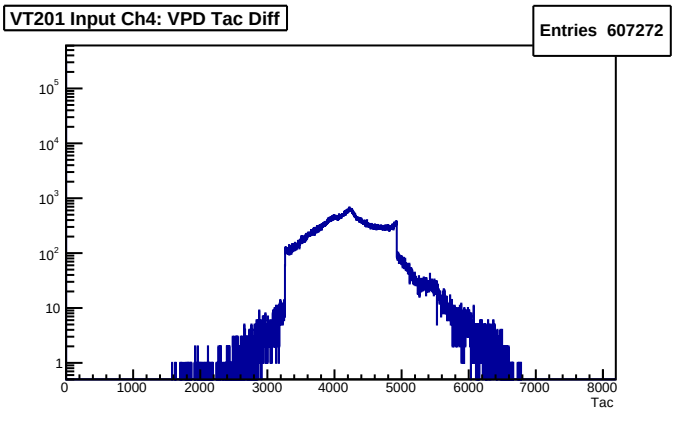

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

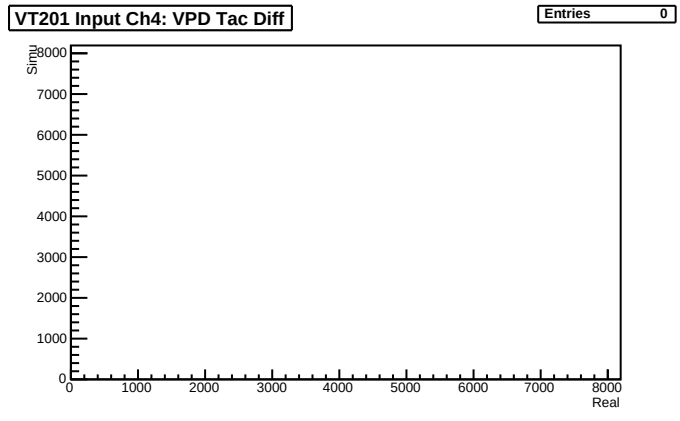

VT201 Input Ch2: ZDC Tac Diff
Entries 607272
Tac

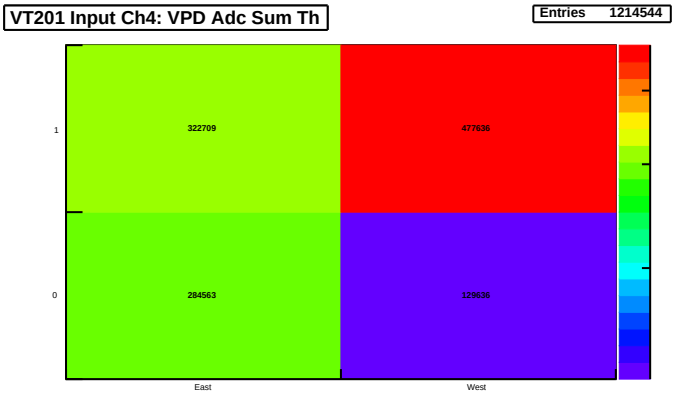

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

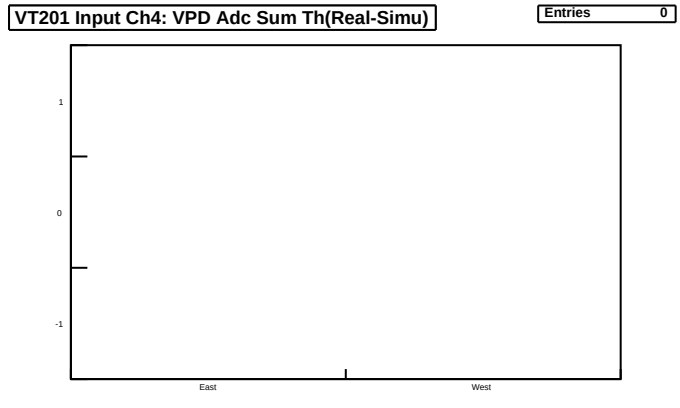

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4858176
11987
3181
25
20
12000
5040
68
63
595285
604091
607247
607252
595272
602232
607204
607209
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

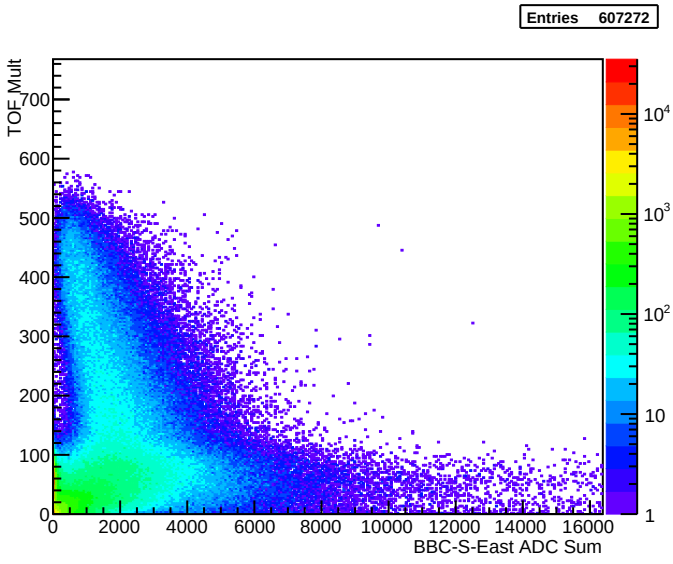

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

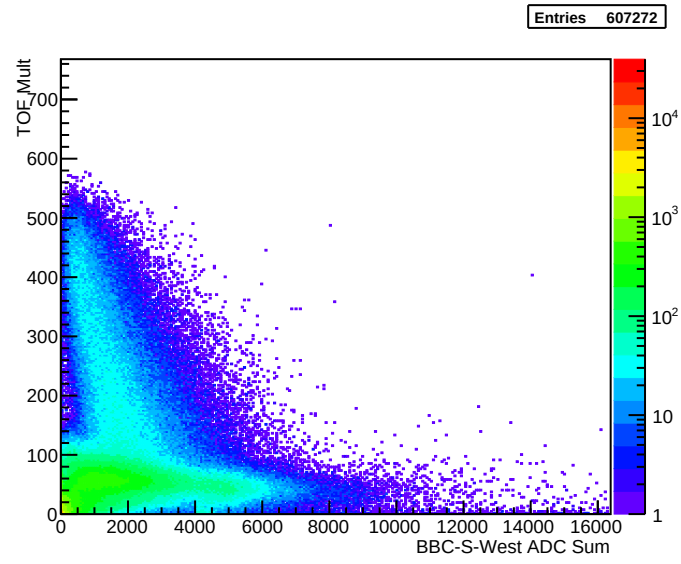

VT201 Input Ch4: VPD Tac Diff
Entries 607272
Tac

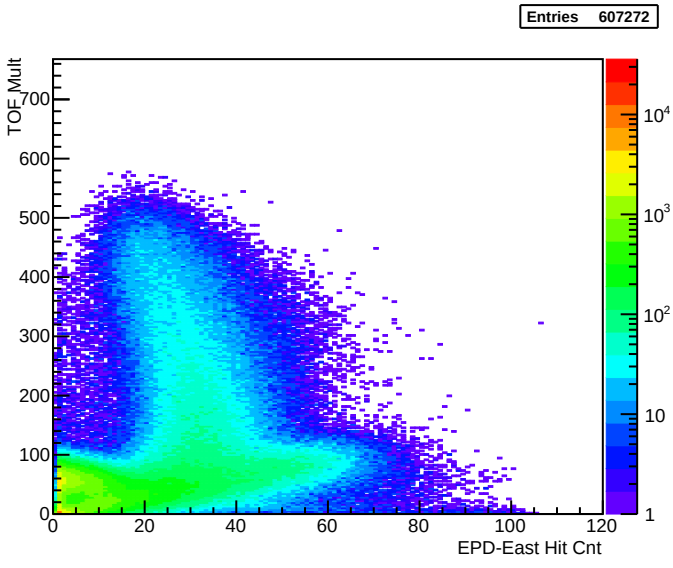

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

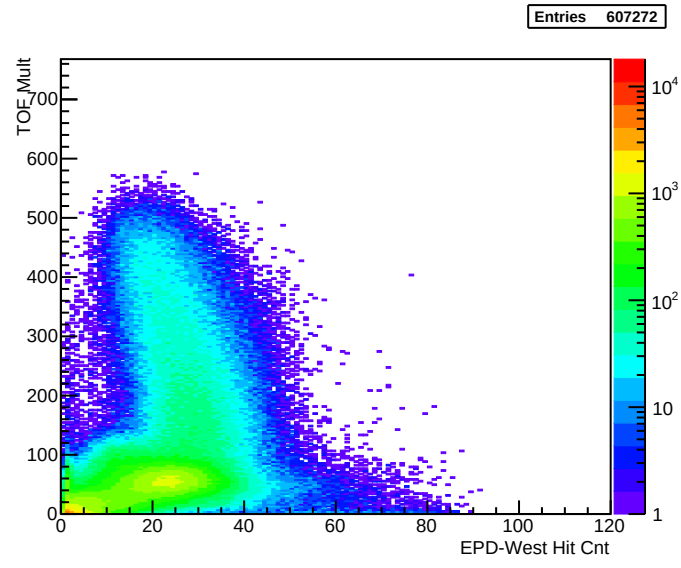

VT201 Input Ch4: VPD Adc Sum Th
Entries 1214544
322709
477636
284563
129636
East
West

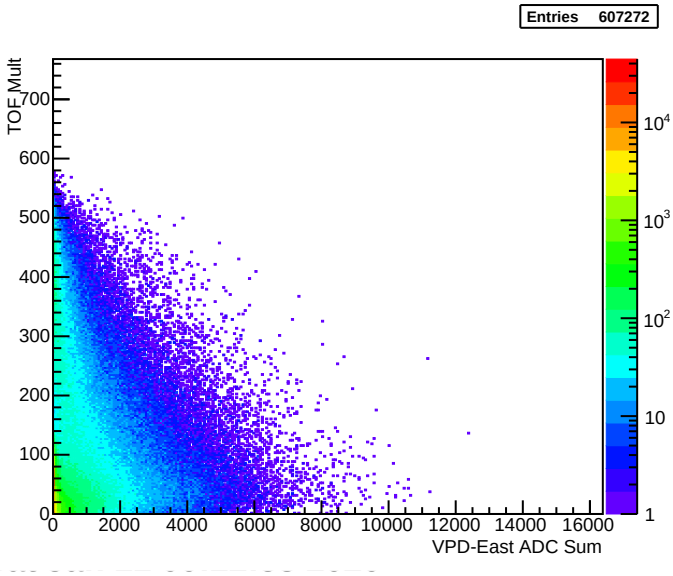

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

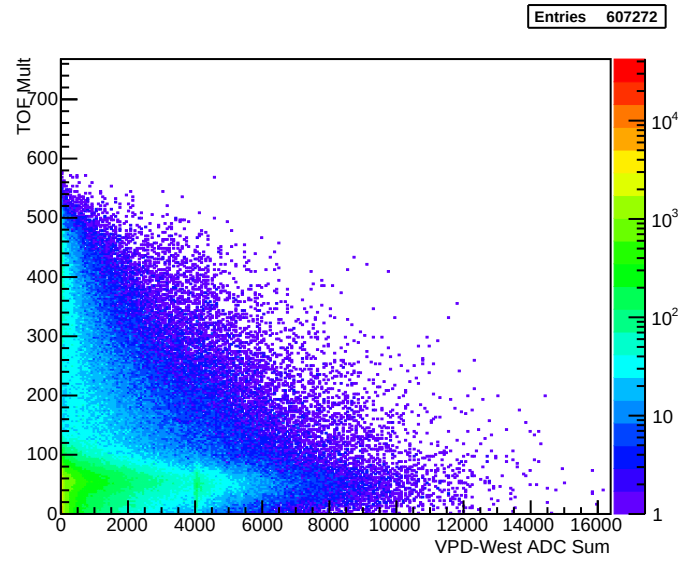

Entries 607272
TOF_Mult
BBC-S-East ADC Sum

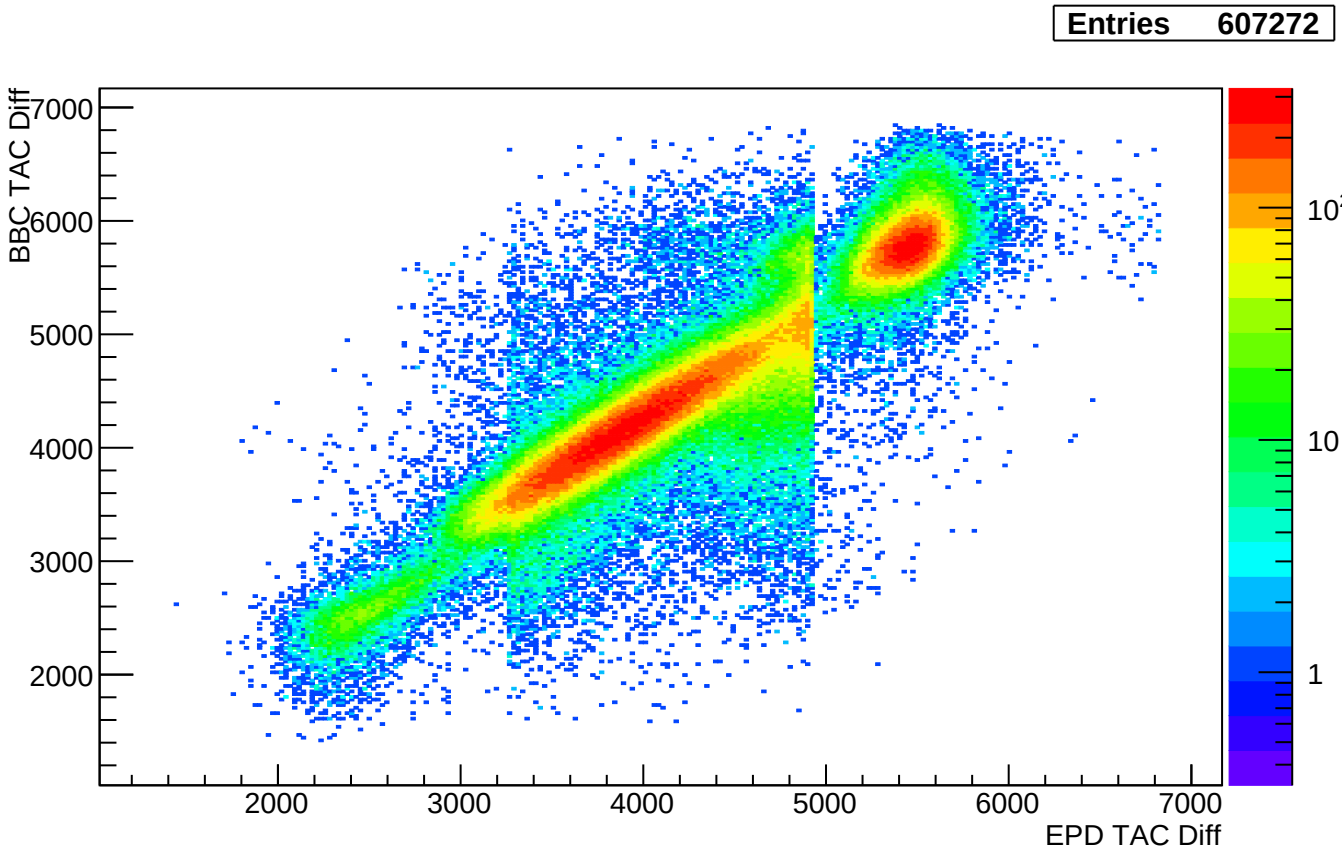

Entries 607272
TOF_Mult
BBC-S-West ADC Sum

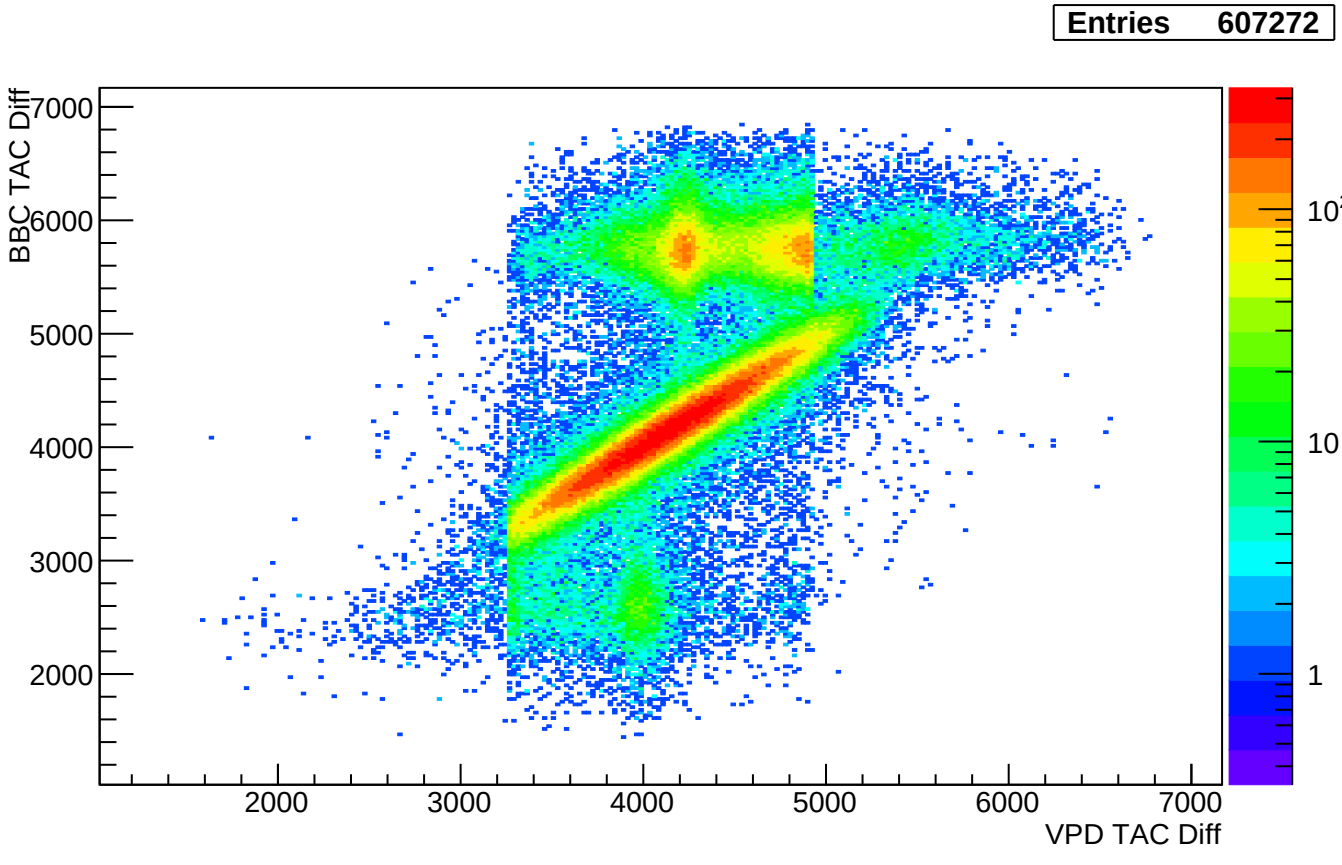

Entries 607272
TOF_Mult
EPD-East Hit Cnt

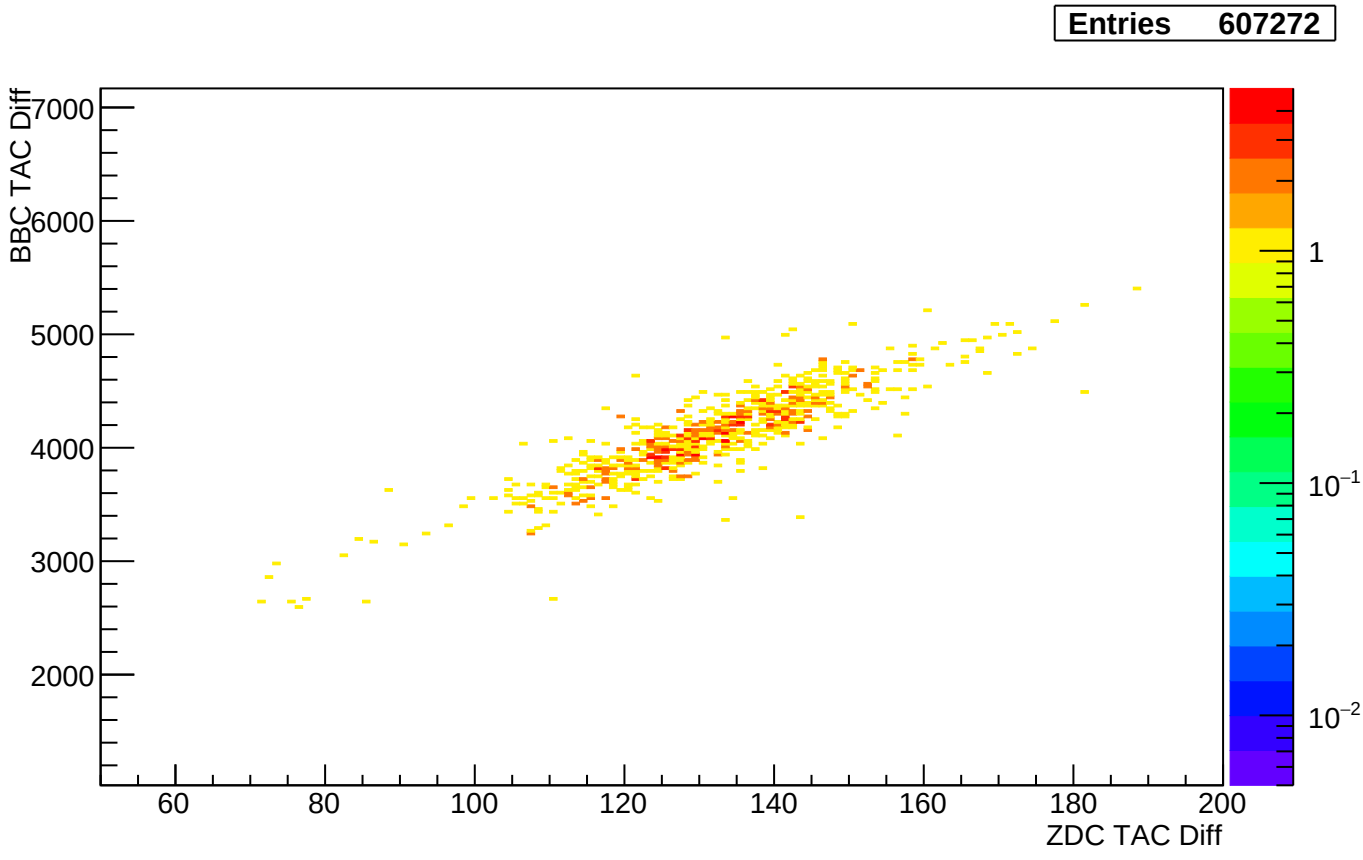

Entries 607272
TOF_Mult
EPD-West Hit Cnt

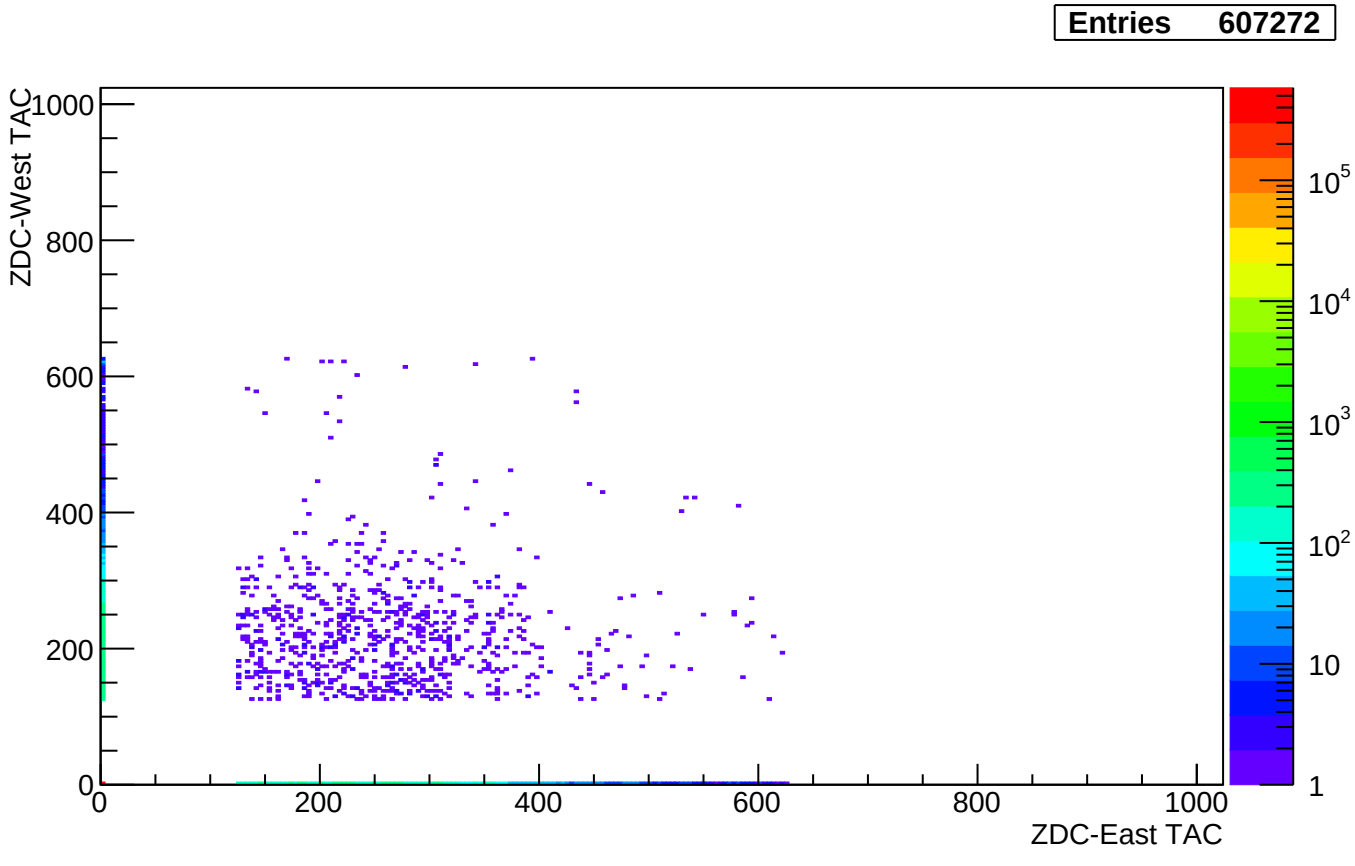

Entries 607272
TOF_Mult
VPD-East ADC Sum

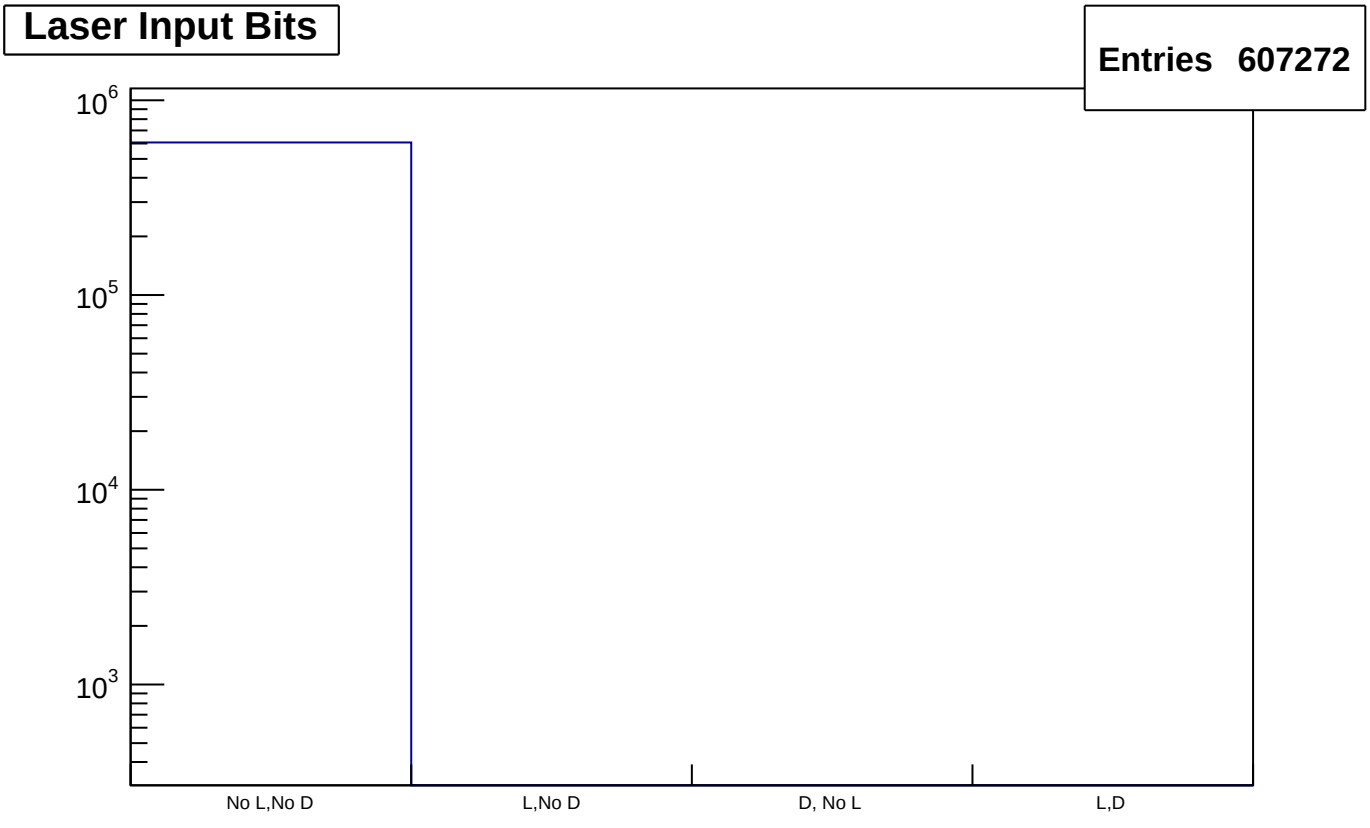

Entries 607272
TOF_Mult
VPD-West ADC Sum

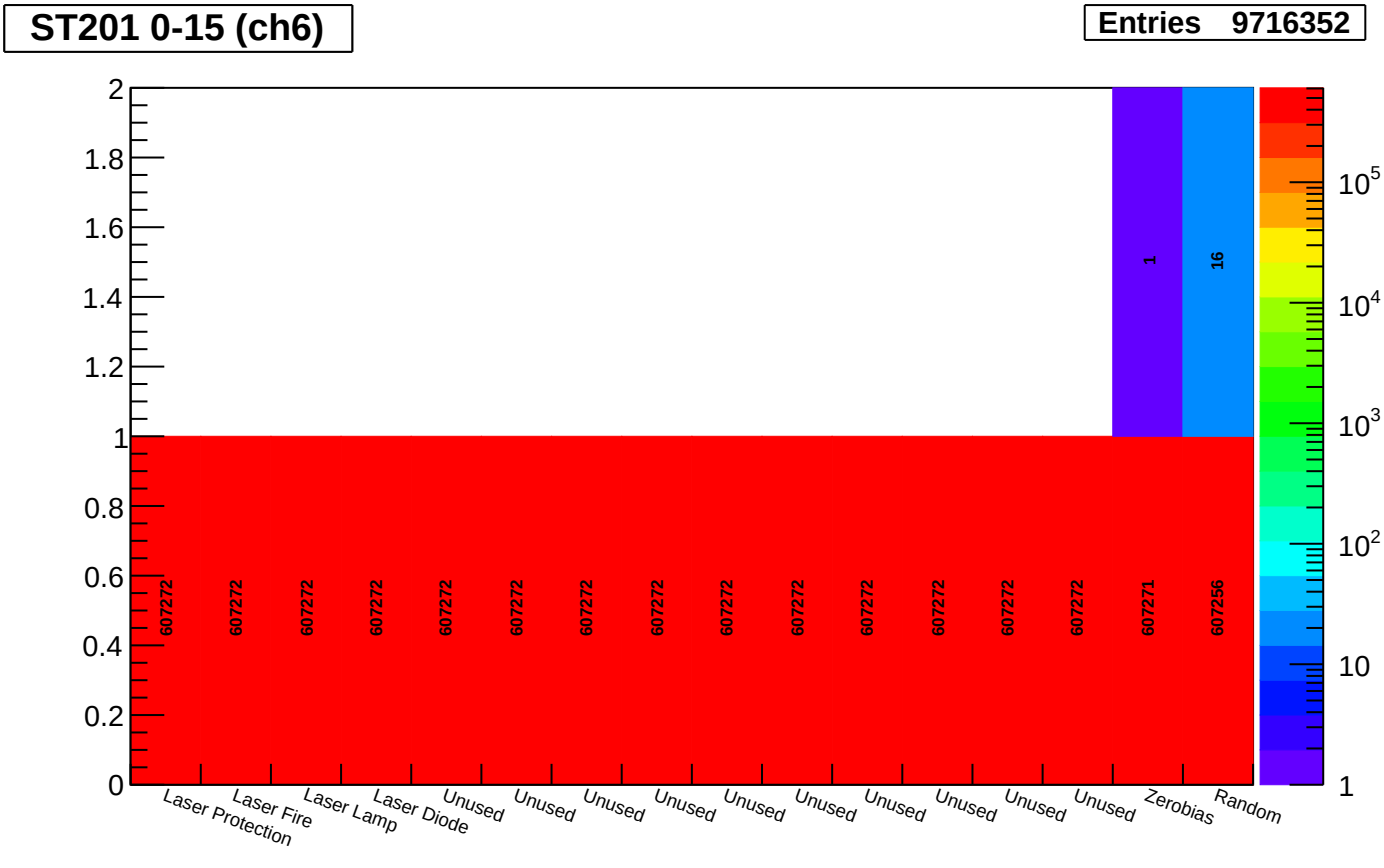

Entries 607272
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

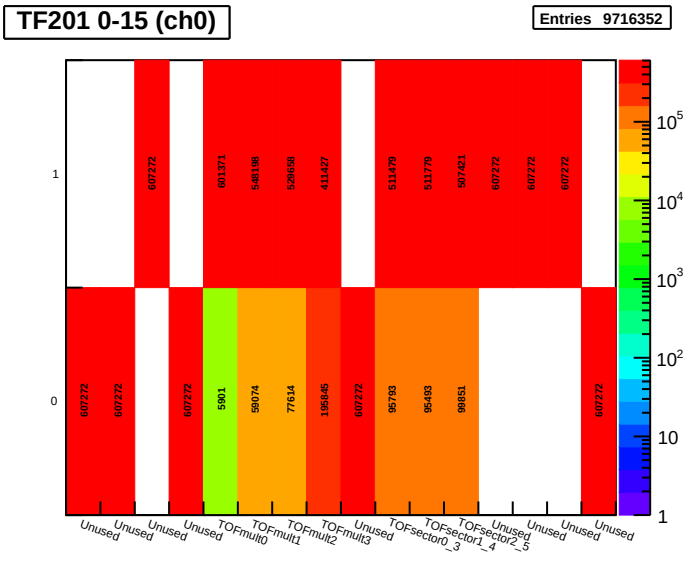

Entries 607272
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

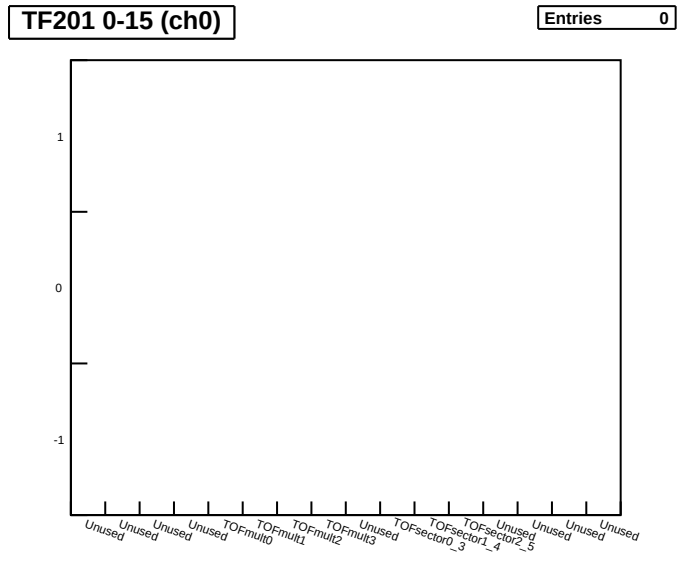

Entries 607272
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

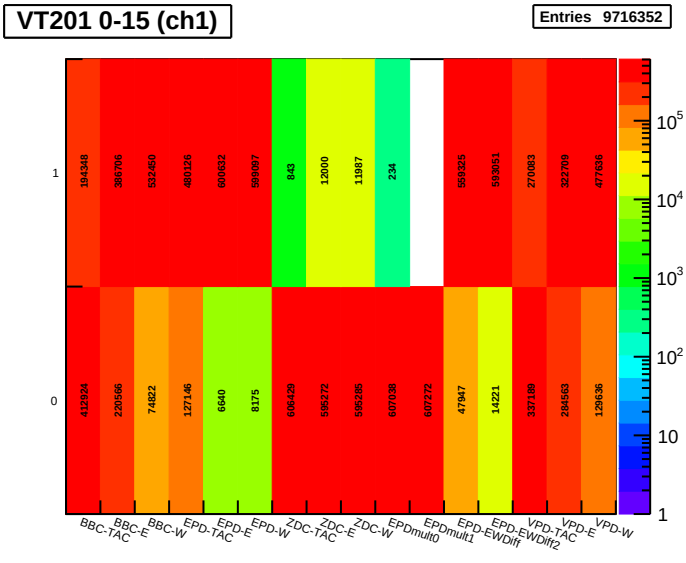

Entries 607272
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

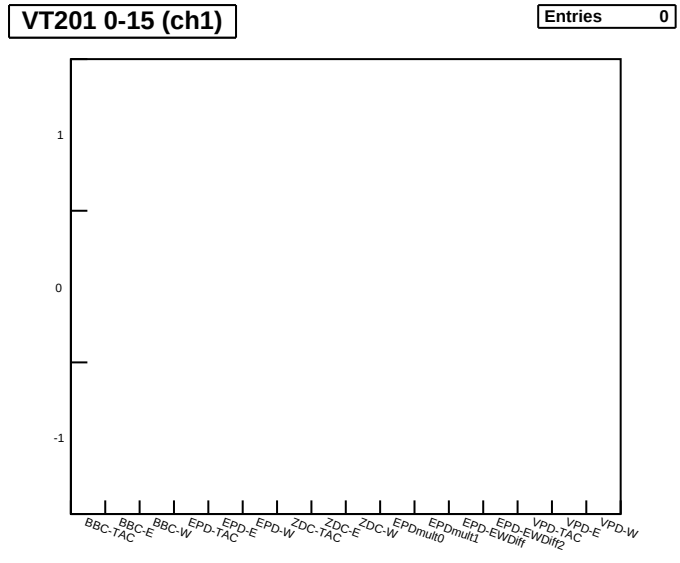

Laser Input Bits
Entries 607272
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

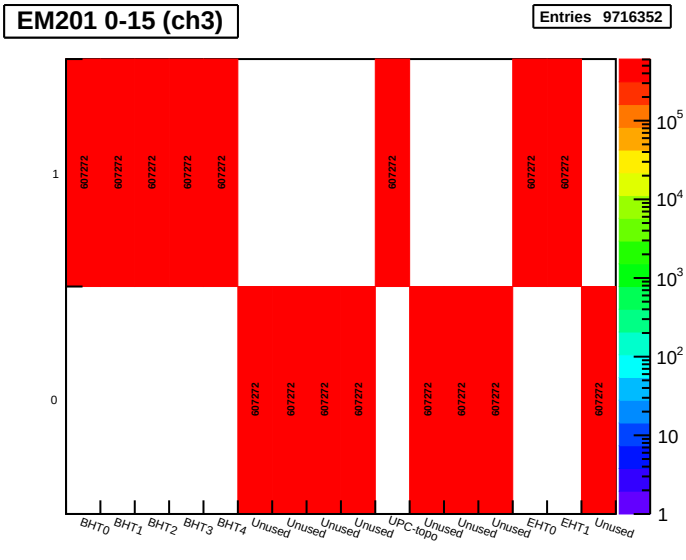

ST201 0-15 (ch6)
Entries 9716352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
607272
607272
607272
607272
607272
607272
607272
607272
607272
607272
607272
607272
607272
607271
607256
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

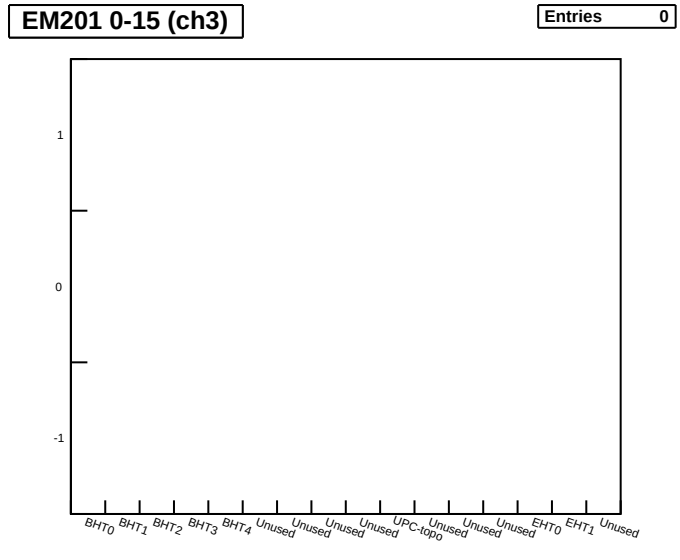

TF201 0-15 (ch0)
Entries 9716352
607272 601371 548198 529658 411427 511479 511779 507421 607272 607272 607272
607272 607272 607272 5901 59074 77614 195845 607272 95793 95493 99851 607272
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 0
1 10 10^2 10^3 10^4 10^5


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 0 -1


VT201 0-15 (ch1)
Entries 9716352
194348 386706 532450 480126 600632 599097 843 12000 11987 234 559325 593051 270083 322709 477636
412924 220566 74822 127146 6640 8175 606429 595272 595285 607038 607272 479447 14221 337189 284563 129636
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 0
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 0 -1


EM201 0-15 (ch3)
Entries 9716352
607272 607272 607272 607272 607272 607272 607272 607272
607272 607272 607272 607272 607272 607272 607272 607272
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 0
1 10 10^2 10^3 10^4 10^5


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 0 -1